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> DOMINION BUREAU OF STATISTICS EDUCATION STATISTICS BRANCH

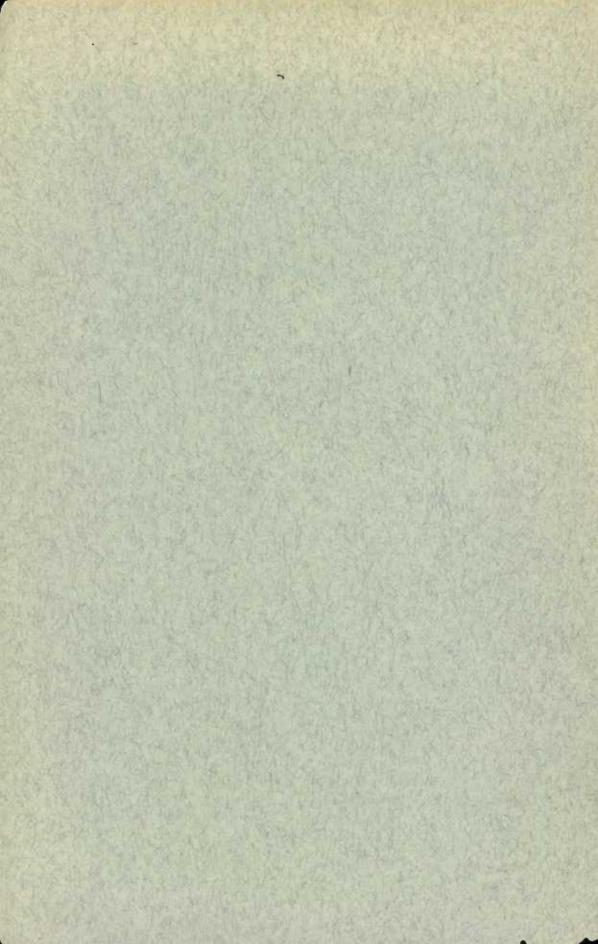
# HIGHER EDUCATION IN CANADA, 1944-46

(BEING PART II OF THE BIENNIAL SURVEY OF EDUCATION IN CANADA, 1944-46)

Published by Authority of the Right Honourable C. D. Howe, M.P. Minister of Trade and Commerce



EDMOND CLOUTIER, C.M.G., B.A., L.Ph., PRINTER TO THE KING'S MOST EXCELLENT MAJESTY CONTROLLER OF STATIONERY 1949



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# HIGHER EDUCATION IN CANADA, 1944-46

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#### PREFACE

A statistical review of higher education in Canada was first made by the Dominion Bureau of Statistics after the first World War. The present report presents statistics for the year following World War II, draws some comparisons between the two post-war periods, and surveys certain trends in the intervening years.

It appears that about 3 p.c. of those who have come of age in Canada during the period have graduated from a university, rather more than 4 p.c. of the young men and about 1.5 p.c. of the young women. Bachelor degrees granted in the second half of the 26-year period were about 63 p.c. more numerous than in the first half, but the growth of post-graduate work has not kept pace. Masters' degrees were only 13 p.c. more numerous in the second half of the period. Increased provision for graduate work is one of the major problems confronting Canadian universities.

The report has again been prepared by Miss S. A. Feeley, of the Education Division of the Bureau, in consultation with Dr. J. E. Robbins, Director of the Division.

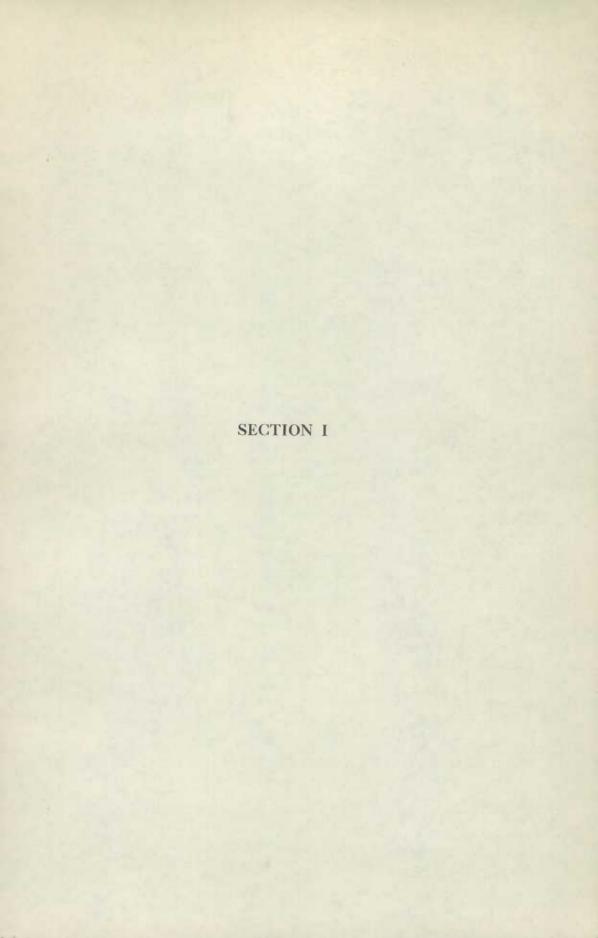
HERBERT MARSHALL, Dominion Statistician.

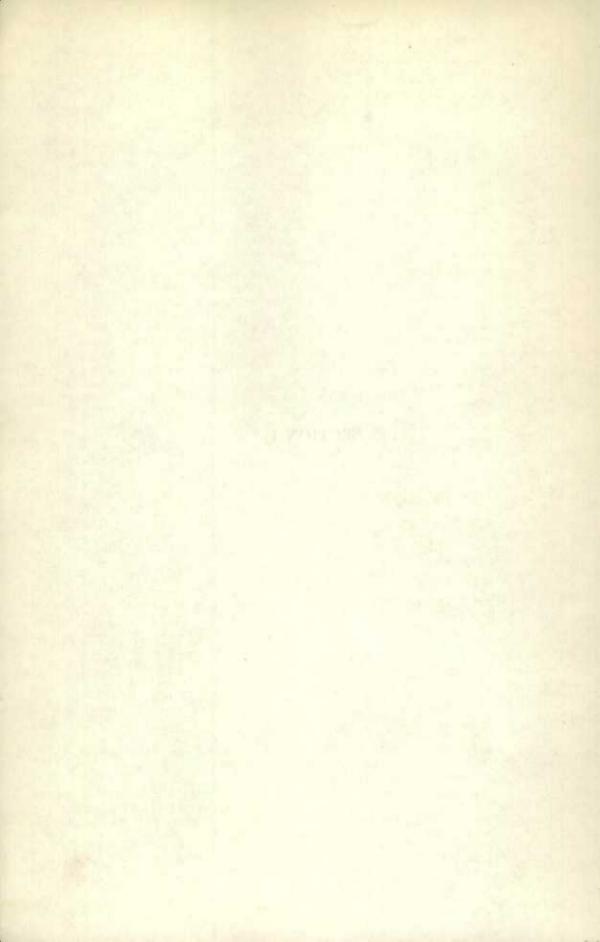
Dominion Bureau of Statistics, September, 1948.

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#### CHAPTER I

#### TWENTY-SIX YEARS OF HIGHER EDUCATION

#### 1921-1946

The academic year ending in 1946 is the twenty-sixth successive year for which the Dominion Bureau of Statistics has compiled comparable statistics on higher education in Canada. Both the first and the last years in the series represent dates when veteran students made university enrolment abnormally high. The year 1920-21 was the second academic year to begin after the war of 1914-18, whereas 1945-46 was the first to begin after 1939-45, and was not as near the post-war peak. But some comparisons between the two years and a review of trends in the intervening years may be of interest.

In considering the factor of accelerated enrolment after the two wars, it is well to recall that comparatively few veteran students of the 1914-18 war received Government assistance for education at university level. By Order-in-Council, November 1919, the Department of Soldiers' Civil Re-establishment was given authority to grant loans to a maximum of \$500 to disabled veterans in need of assistance to enable them to pursue any course of studies substantially interrupted by war service, such loans to be repaid without interest in five years' time. Later this was extended to include able veterans in need of financial assistance to complete their studies.

By comparison the assistance available for veterans of World War II was much more significant. The Veterans' Rehabilitation Act provided for the payment of tuition and other fees of the veteran student as well as a living allowance of \$60 per month and a dependent's allowance where married, for as many months as his active service. A high proportion of veterans have taken advantage of this opportunity; in 1946 their number was equal to the total enrolment of university students in pre-war years.

#### Enrolment

After the war of 1914-18 delayed university enrolment appeared mainly in the professional faculties. At no time did the faculties of Arts reach a level that was not maintained in succeeding years, even raised sufficiently to offset losses in the professional courses. Total university enrolment increased consistently during the 1920's, and even during the 1930's, though more slowly. The following summary expresses the relationship of university enrolment to total population at five-year intervals. All students of university grade, including those in part-time and extramural courses are included.

	Population of Canada	Total University Grade Registra- tion	No. of Students per 100,000 Population
	'000		
1921 1926 1931 1936 1941 1946	8,788 9,451 10,376 10,950 11,507 12,307	22,607 25,283 43,143 46,606 48,379 92,441	257 268 415 426 420 751

The accompanying chart showing enrolment in relation to population is based on the smaller number of students in full-time attendance, except in the case of post-graduate enrolment where full-time can not always be distinguished from part-time.

From both the summary table and chart it is apparent that university enrolment on either basis has increased more rapidly than population. In spite of the large subsidized veteran enrolment in 1946, accounting for rather more than half of all students, the proportion of women in the total increased from 15 p.c. in 1921 to 21 p.c. in 1946.

The faculties of Arts, or Arts and Science (including Schools of Commerce) increased their proportion of the total from 42 p.c. in 1921 to 57 p.c. in 1946. A substantial proportion of this increase is due to the requirements for more general education as a basis for admission to the professional faculties.

Perhaps a particularly significant change is in the number registering for post-graduate work—407 in 1921, 3,135 in 1946. Provision for students at this level has become a major problem of Canadian universities.

Among the professional faculties there have been marked differences in trend. Detailed figures may be seen in appended tables. An attempt to indicate trends graphically has been made in the two charts, "Trends in Enrolment in Selected Professional Courses Compared with Population". A relatively enormous increase in Applied Science and Engineering is seen in contrast with comparatively stable enrolments in Medicine and Theology where the increase over the years has not kept pace with population. Dentistry shows a lower enrolment after the second war than after the first. Most of the faculties characterized by a high proportion of women students, e.g., Education, Nursing, Household Science, show a rapid and sustained increase over the years. In the following summary the enrolment of most of the faculties is related to population at five-year intervals

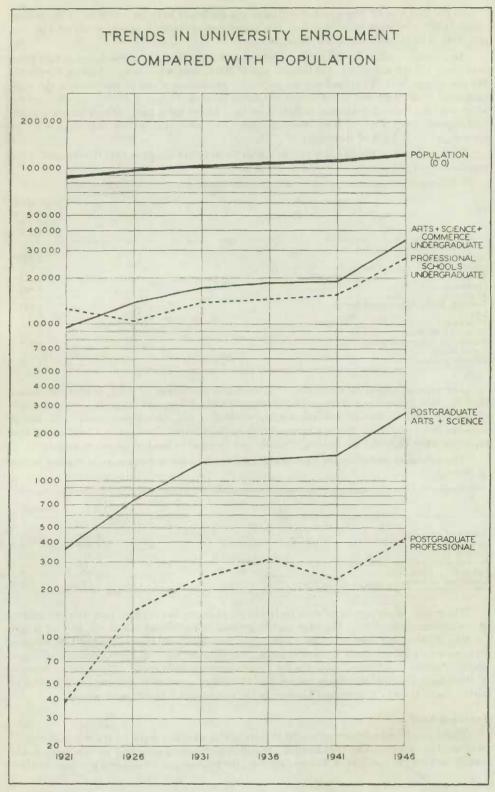
Enrolment in Selected Professional Schools in Relation to Population-Number per 100,000

	1921	1926	1931	1936	1941	1946
Applied Science and Engineering	32	21	37	31	38 26	88
Medicine	37 24	28 23	28 22	28 24	21	26 19
Law	13 10	6	8 9	9 10	12	10
Dentistry	15 I-8	6 3.6	4 6	4 7·3	5 5·8	6 9 - 8
Iousehold Science	1.1	2.1	6.2	6.2	6.9	9-1
Vursing,	1.2	1.0	1.3	0.9	1.5	4 -
eterinary Science	I·3 1·0	0.9	1·2 1·1	2·2 1·2	2 · I 1 · 3	3.
Pharmacy	6-4	4.8	4.9	4.4	3.5	6.

#### Graduates

In supplement of the foregoing summary showing the ups and downs of enrolment it is of interest to have a set of figures showing the cumulative result in terms of graduates for the twenty-six years. In the following summary all graduates of degree-length courses are counted whether or not they actually received a university degree, for in certain cases, e.g., Law, Theology, Pharmacy, graduates may enter their profession without receiving a degree.

	Graduate	es, 1921-46
	Total	Women
Arts, Science and Commerce (bachelor degrees only),	80,015	27,379
Professional Schools.		13,340
Agriculture		108
Engineering and Applied Science	14,841	17
Architecture		31
Forestry		
Medicine.		644
Dentistry	3,512	44
Pharmacy		336
Nursing	4,654	4,654
Occupational and Physical Therapy	633	633
Physical and Health Education	798	772
Law		205
Theology	11,874	455
Education (degree courses only)	2,091	509
Library Science		903
Household Science.		3,020
Veterinary Science		11
Social Work	1,118	998



In the Faculties of Arts about one-third of the graduates have been women, in the professional faculties scarcely more than half this proportion although it should be noted that the recipients of teaching diplomas are not included.

An attempt to allow for the number graduating in more than one course indicates that there were about 139,000 individuals, 102,000 men and 37,000 women, who graduated during the period. We can assume that the typical age for university graduation is one of the years in the early twenties. About 4,800,000 young people in Canada reached this age in the twenty-six years for which we have counted graduates, slightly more than half of them men. It accordingly appears that approximately 3 p.c. of them received a university education—rather more than 4 p.c. of the men, about 1.5 p.c. of the women.

If all graduates of the 26 years were available for work in Canada in 1946 the population per graduate in various professions would be as follows:

Profession	Population of 1946* per graduate of 1921-46
The state of the s	
Agriculture (degree) Engineering and Applied Science Medicine Dentistry Pharmacy Nursing, P.G. diploma and degree Law Theology Education (degree) Household Science (degree) Social Work Library Science	2,582 829 877 3,504 2,847 2,644 2,068 1,036 5,890 4,075 11,008

The average career, in the dominantly masculine professions at least, is probably longer than 26 years, but not enough to make these figures without interest as a guide to the adequacy of the rate at which doctors, dentists, lawyers, clergymen, etc., have been trained in the period since the first world war. This is a matter which received earlier discussion in Chapter II of this report for 1940-42, under the heading, "Supply and Demand in the Professions in Canada".

The volume of post-graduate work is indicated by the following summary of degrees for the 26 years.

	Total	Women
Master of Arts.	6,054	1,771
Master of Science	1,940 3,247	131 165
Licence (French)	91	
Other P.G. Diplomas.  Doctorate in course.	1,873	207

The growth of post-graduate work for the Master's degree has not kept pace with the growth at the undergraduate level. Bachelor degrees granted in the second half of the 26-year period (in Arts, Science and Commerce) were about 63 p.c. more numerous than in the first half, whereas there were only 13 p.c. more Masters' degrees. Licences increased by 150 p.c. indicating a pronounced increase in advanced studies in the French-language institutions. There was an increase of 100 p.c. in Doctoral degrees in course, but the annual number is still small. The ratio of doctorates to Masters' degrees and Licences in the second half is about one to six.

#### Teaching Staff

The universities have been successful in maintaining adequate staffs for the increasing enrolment until the interval from 1941 to 1946. Statistics on teaching personnel contain many duplications between the faculties of Arts and Science, the professional schools and pre-matriculation

courses. The returns were subjected to careful screening to separate those giving university grade instruction and eliminate the duplications within this group. The results have been related to the full time undergraduate enrolment in Arts, Science and Commerce and other professional schools at five-year intervals as below:

#### Teaching Staffs

	Arts and Science		Profes	ssional	Total excluding duplicates		
	Full time	Part time	Full time	Part time	Full time	Part time	
1921. 1926. 1931. 1936. 1941.	1,191 1,481 1,776 1,922 2,037 2,466	242 320 519 579 579 1,009	942 968 1,127 1,122 1,707 2,642	1,179 1,508 1,705 1,786 2,420 2,440	2,133 2,449 2,903 3,044 3,452 4,937	1,352 1,694 2,077 2,144 2,185 2,797	

#### Full-Time Undergraduate Enrolment

	Arts, Science and Commerce	Professional Schools	Total
1921 1926 1931 1936 1941 1941	17,711 18,557 18,824	12,790 10,462 13,609 13,750 15,669 27,108	22, 234 24, 406 31, 320 32, 635 34, 493 61, 529

#### Teachers Per Hundred Full-Time Undergraduate Students

		ience and merce		ssional ools	Total		
	Full time	Part time	Full time	Part time	Full time	Part time	
1921 1926 1931 1936	12 11 10	3 2 3	7 9 9	9 14 13	10 10 9	6 7 7	
1941 1946	11 7	3	11 10	15 9	10 8	6 5	

It is obvious from the above that the teachers in 1946 were, in comparison with the pre-war years, carrying a very heavy load.

#### Salaries

Information on the salary levels of the university teaching staffs is not available previous to 1938. The table below presents representative salary classifications of Deans, Professors, Associate professors and Assistant professors for 1938 and 1946 by regional groups. The Western Provinces include the four provincial universities. Central Canada includes McGill, Bishop's, Toronto, Western Ontario, Queen's, McMaster, Victoria and Trinity. In the Maritime provinces the institutions included are Acadia, Dalhousie, Mount Allison and the University of New Brunswick. University presidents and other administrative officials are not included except in one or two cases where it has not been possible to separate them. The classification of instructors and lecturers has been omitted because of the inclusion of part-time personnel in the group.

		Deans					Professors					
Salary Range		tern	Central Canada				Western Provinces		Central Canada		Maritime Provinces	
	1938	1946	1938	1946	1938	1946	1938	1946	1938	1946	1938	1946
5,000 or more. 4,500–4,999. 4,000–4,499. 3,500–3,999. 3,000–3,499. 2,500–2,999.	2	18 5 2 1 1	25 1 2 6 2 6	23 3 1	2 2 1 5 2	3 1 6 7	19 39 51 21 22	27 39 73 13	65 81 65 23 18 18	172 79 31 26 13 15	9 5 10 8 33	9 32 18
	Associate Professors					103	Ass	sistant	Profess	sors	(4)	
		stern   Central   Maritime   Provinces			Western Central Provinces Canada				Maritime Provinces			
\$	1938	1946	1938	1946	1938	1946	1938	1946	1938	1946	1938	1946
5,000 or more. 4,500–4,999. 4,000–4,499. 3,500–3,999. 3,000–3,499. 2,500–2,999. Under 2,500.	14 33 3	7 90 50	30 60 34 20 11	2 9 70 72 29 13 11	1 6 6 2	2 5 13 4	1 14 54 28	4 51 62 6	2 11 40 75 51	5 1 10 28 78 81 43	1 3 15	2 6 21

Translated to median salaries for purposes of comparison, the results are as follows:

THE RESERVE OF THE RE	Western Provinces		Central	Canada	Maritime Province		
SHE DES MENT	1938	1946	1938	1946	1938	1946	
	\$	8	\$	\$	\$	\$	
Deans. Professors. Associate Professors. Assistant Professors.	5,090 4,328 3,340 2,694	5,125 4,431 3,633 2,951	5,090 4,571 3,612 2,760	5,130 5,013 3,850 2,996	3,450 3,000 2,500 2,175	3,625 3,250 3,137 2,343	

#### University Income

Sources of income for the universities and colleges are limited and more or less fixed. The main sources are student fees; gifts; church grants; grants from Provincial, Dominion and Municipal Governments; and the interest accruing each year from the endowment funds or other investments of individual institutions. From 1921 until 1931 Government grants comprised one-half of the income of a group of universities and colleges representing 80 p.c. of the total enrolment and were more than double the amount of student fees. In the early "thirties" student fees began to rise and in 1946 fees and Government grants each represented 38 p.c. of the total income. The latter compilation is not entirely accurate, as not all institutions separated the fees paid for veterans by the Dominion Government. It does represent the budget distribution reported by the individual universities.

Income Sources of Canadian Universities and Colleges, 1921-1946, Exclusive of Board and Lodging

	Per Cent of Total Income							
Source of Income	1921	1926	1931	1936	1941	1946		
Interest on Endowment and Other Funds or Property. Student fees. Government grants. Miscellaneous sources.	16·4 20·1 49·8 13·7	19·1 21·2 48·7 11·0	16·2 24·0 49·8 10·0	14·7 33·5 40·3 11·5	12·8 32·1 42·4 12·7	9·5 38·0 38·0 14·5		

Interest on endowments, and other interest-bearing property, applicable to current income has consistently decreased since 1921 and represents a smaller percentage of the annual income available for current expenses. This in spite of the fact that the total amount of these funds has increased. The following table shows the interest reported per hundred dollars of endowment, in comparison with the average rate of interest on Dominion Bonds and debentures for selected years.

	Endow- ments and interest bearing funds	Interest reported	Rate per hundred	Average rate Dominion Govern- ment Bonds, etc	
	\$000	\$000	p.c.	p.c.	
1921	28,328	1,497	5.3	5.2	
1926	42, 157	2, 148	5.1	5.03	
1931	48,459	2,258	4.7	4.97	
1936	54,378	1,950	3.6	3.9	
1941	62,503	2,046	3.3	3.06	
1946	85,974	2,420	2.8	2,59	

As mentioned previously, the total income used for this study is that available for about 80 p.c. of the enrolment. Using this proportion of the full time undergraduates it is possible to establish the income per student for the six years used above.

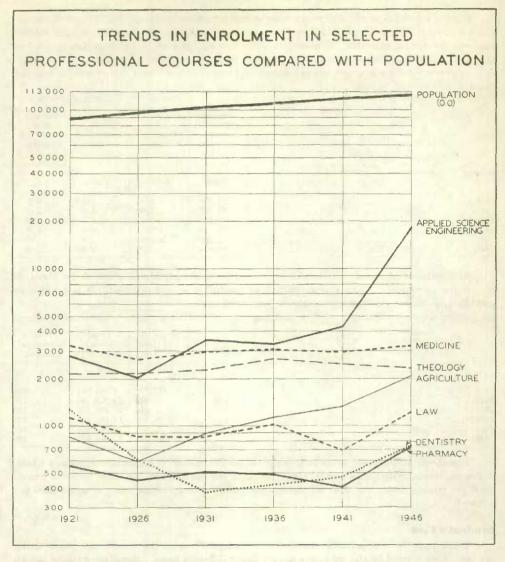
	80 p.c. of	Total	Total
	full time	income	income per
	enrolment	reported	student
		\$	\$
1921	17,787	9,089,381	511
1926	19,525	11,235,149	576
1931	26, 108	13,960,807	557
1936		13,300,876	509
1941	27,594	16,047,639	581
1946,	49,223	25,541,852	519

The above estimate represents an average for the institutions of higher education as a whole. A few individual universities report higher amounts per student but the range does not exceed \$800 per student under the most advantageous conditions and in some cases is under \$300 per student.

#### Student's Fees

There have been appreciable increases in student's fees in the twenty-six years under review. Fees quoted in the calendars are on many different bases. Some universities use an inclusive fee that covers tuition, registration, health service, library service, laboratory service, examinations, graduation, and certain extra-curricular activities; others, the majority, include some of the services mentioned above. For purposes of comparison, fees, including compulsory incidental fees for the faculty of Arts of a group of representative universities are quoted at three periods, the pre-depression years, pre-war years, and current rates.

University	1948-49	1938-39	1928-29	
	8 8		\$	
Dalhousie, Halifax, N.S.	184	125	112	
Mount Allison, Sackville, N.B.	240	150	132	
McGill, Montreal, P.Q.	250	215	125	
Queen's, Kingston, Ont	233	148	88	
Toronto, Toronto, Ont.	236	213	163	
Manitoba, Winnipeg, Man	152	115	80	
Saskatchewan, Saskatoon, Sask	143	106	56	
Alberta, Edmonton, Alta	157	134	107	
British Columbia, Vancouver, B.C.	205	175	105	



Expenses quoted for residence (room and board) for the universities above are now much higher than for the earlier years:

University	1948-49	1938-39	1928-29
	\$	- 8	\$
Dalhousie	366	265	260
Mount Allison	360	250	240
MeGill	433	400	450
Queen's	375	195	225
Toronto	400	255	300
Manitoba	400	194	*
Saskatchewan	430	195	255
Alberta	420	210	259
British Columbia	400	195	245

<sup>\*</sup>Information not available.

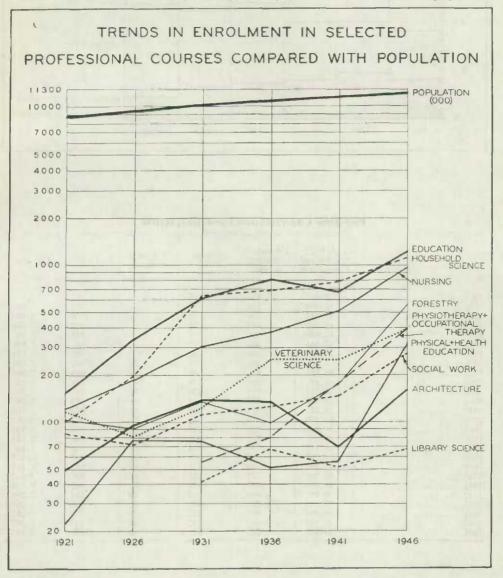
The rates used for board and lodging are in most cases those of the university residences and where the calendar quotes different rates the lowest one is used.

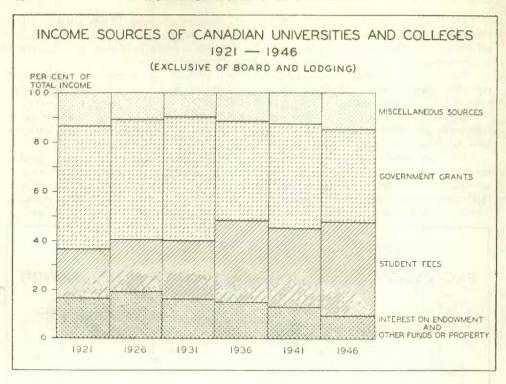
The fees quoted for tuition and other necessary expenses represent the men students other than veterans and include the registration fee, library fee, health services and certain students' activities where these are quoted separately. No allowance is made for laboratory fees, as these are at various rates per course. Fees are subject to change without notice.

Tuition fees for courses of study involving laboratory work and clinical work or field work such as Commerce, Science, Medicine, Dentistry and Applied Science are appreciably higher and vary by the year of the course.

Students registering from countries outside the British Empire are in a number of cases required to pay higher tuition fees, in some cases double the amount required for British students who, by reason of reciprocal arrangements, are admitted at the Canadian rates.

The expenses quoted above do not nearly cover all the necessary expenses for a year. Books, equipment, transportation and personal expenses are additional in all cases. Altogether these miscellaneous expenses may represent an additional 50 p.c. although this varies by regions. Students attending universities located in the larger cities of necessity incur heavier expenses which in some measure are offset by more opportunity for sessional and vacation employment.





Full-Time Undergraduate Enrolment, 1921-46

- 1	Arts, Science and Commerce	Education (degree course)	Social Work	Library Science	Law	Theology
	0.444		0#			2 100
1921	9,444	156	85		1,117	2,136
1922	11,399	219	64		982	2,156
1923	12,411	239	58		839	2,186
1924	12,969	332	64		925	2,234
1925	13,953	382	67		848	2,189
1926	13,944	337	72		857	2,169
927	14,761	368	69		792	2,129
928	15,585	368	70	28	862	2,199
929	16, 123	480	66	53	885	2,201
930	17,133	528	59	42	874	2,223
931	17,711	618	110	42	845	2,261
932	18,489	807	141	61	852	2,242
933	18,572	918	88	61	902	2,319
934	18,559	829	68	58	961	2,388
935	18,560	802	119	66	963	2,429
936	18,557	802	127	67	1,005	2,643
937	18,816	746	144	51	933	2,451
938	18,935	782	119	79	897	2,405
939	18,992	759	156	58	919	2,415
940	19,340	773	157	68	807	2,455
941	18,824	677	146	52	697	2,429
		669	93	39	556	2, 284
942	19,027	462	198	46		
943	19,112				439	2,248
944	19,067	563	277	28	373	2,251
945	21, 121	692	342	46	433	2,267
946	34,421	1,203	277	67	,1226	2,319

Full-Time Undergraduate Enrolment, 1921-46—Concluded

	Medicine	Dentistry	Pharmacy	Nursing*	Physical and Health Ed.	Occupa- tional and Physio- therapy
021	3,256	1,276	562	122	22	
022	3,270	1,258	525	143	28	
023	3, 193	1,175	524	151	45	
924	2,937	890	565	153	54	
925	2,665	721	467	162	50	
926	2,607	604	459	188	77	
927	2,571	524	618	205	86	
928	2,672	458	568	223	80	
029	2.717	434	550	227	78	
030	2,807	391	542	247	86	
031	2,921	380	512	301	76	
032	2,987	350	465	324	76	
033	2,997	367	454	354	52	
034	2,985	370	419	326	52	
035	3,031	381	437	366	50	
36	3,037	422	484	372	52	80
37	3,074	450	439	377	62	86
038	3,076	472	495	378	28	74
39	3,008	493	534	349	18	91
40	3.062	501	496	524	42	12
41	2.940	468	412	510	128	174
42	2,999	503	406	484	108	180
43	3,138	624	387	635	101	155
44	3,009	609	343	621	112	178
945	2.957	521	379	909	119	28
946	3,200	753	738	974	312	395

<sup>\*</sup>Post-graduate and degree courses.

_	Agricul- ture (Degree)	Applied Science and Engineering	Architecture	Forestry	Veterin- ary Science	House- hold Science
004	0.80	0.004				
921	856	2,854	49	103	116	100
922	771	2,688	52	103	108	105
923	925	2,578	52	93	103	108
924	869	2, 176	61	89	88	119
925	764	2,108	- 62	82	80	133
926	599	2,028	95	90	83	197
927	572	2.221	96	134	77	295
928	587	2,432	108	152	90	344
929	764	2,706	114	170	94	497
930	792	3,120	119	153	92	584
931	899	3,554	137	136	122	639
932	1,027	3,755	145	137	149	
933	1.083	3,700	157	113	2 = 0	632
					181	597
934	1,030	3,471	143	100	180	565
935	1,074	3,312	133	98	222	599
936	1,108	3,387	133	98	245	688
937	1,113	3,646	106	122	267	735
938	1,120	4,005	105	135	295	1,002
939	1,234	4,274	90	165	318	987
940	1,368	4,445	89	175	298	828
941	1,373	4,381	146	173	245	790
942	1,140	4,482	101	165	215	779
043	995	5,434	115	118	177	750
944	843	4.948	116	125	148	838
945	893	5,302	119	171	186	955
946	2,198	10.884	188	529	395	1,116

#### DOMINION BUREAU OF STATISTICS

#### Enrolment in Post Graduate Courses, 1921-46

	Arts, Sci Philos	ence and sophy	Other Cou Theo	
	Total	Women	Total	Women
21	369	108	38	
22	574	151	51	
23	654	183	122	
24.	711	201	197	
0.5	794	219	172	
20	751	196	143	
	895	248	162	
27	1.045	286	192	
	923	240	185	
29				
30	1,102	302	171	
31	1,300	366	241	
32	1,457	416	364	
33	1,428	401	465	6
34	1,409	401	401	
35	1,324	341	303	6
36	1,384	350	309	4
37	1,406	371	299	1
38	1,444	338	213	
39	1,473	337	244	
40	1,484	343	224	
41	1,467	334	239	1
42	1,311	321	232	6
43.	1.431	338	108	
44	1.746	423	146	1
45	1,795	433	194	
46	2,705	580	430	

#### Graduates from Canadian Universities, 1921-46

BACHELOR DEGREES OR EQUIVALENT

medit to the second to the	Arts and	Letters	Science	in Arts	Commerce		
	Total	Women	Total	Women	Total	Women	
	1 007	514	bus just	7	10	,	
21	1,337	514 540	77 95	7	12 46	9	
22	1,443				68		
23	1,551	600	115	18			
24	1,675	645	107	13	75		
25	1,698	674	98	14	100		
26	1,985	770	136	29	73	1	
27	2,080	776	149	13	114	1	
28	2,231	856	161	11	109		
29	2,257	922	195	27	117		
30	2,499	989	237	38	134		
31	2,474	981	252	45	169		
32	2,629	1,020	277	41	199		
33	2,881	1,143	259	35	244		
34	3,081	1,157	293	45	241		
35	3,034	1,162	288	39	200		
36	3,175	1,168	320	45	202		
37	3,342	1,168	280	28	211		
38	3,334	1,169	292	36	221		
39	3,354	1,129	356	55	242		
40	3,230	1.142	345	45	262		
41	3,332	1,090	342	51	263		
042	3,085	1,103	323	49	295		
043	3,006	1,087	362	76	238		
	3,046	1,156	366	79	207		
044			436	90	260		
945946	3,045 3,829	1,251 1,441	582	142	338		

### HIGHER EDUCATION IN CANADA

# Graduates from Canadian Universities, 1921-46

BACHELOR DEGREES OR EQUIVALENT

	Educ (deg	ation ree)	Libra Scien		Soc Wo		Phys Educ	
	Total	Women	Total	Women	Total	Women	Total	Wome
921	1				5	5		
	5				11	11	7	7
1922	18				13	13	17	17
1923	24	1			9	9	24	24
1924	28	3			20	18	18	18
1925	25	1			24	23	37	37
1926	42	10			27	27	38	38
1927	35	2	20	19	24	23	41	41
928	31	3	43	43	21	21	45	4.5
	77	31	36	36	20	20	41	41
1930	60	19	39	37	18	18	45	45
1932	72	21	48	46	55	51	41	41
1933	56	18	53	51	48	42	25	25
	74	14	62	58	36	36	28	28
934	61	18	54	53	48	44	26	25
[93 <b>5</b>	100	25	66	63	45	39	21	20
937	108	19	42	43	65	55	31	29
	100	17	89	88	71	56	33	32
1938	100	25	60	56	62	58	39	38
1939	124	24	75	72	76	66	22	22
1940 ,	143	31	53	48	69	60	54	54
	133	29	50	43	59	43	40	39
942	126	41	37	33	56	49	25	24
1943	179	57	24	24	63	53	33	24
1944,	138	36	45	41	89	82	33	28
1945	251	64	57	49	112	95	34	30

	Medi	edicine De		Dentistry		Pharmacy		Occupa- tional Therapy	Physio- Therapy
	Total	W.	Total	W.	Total	W.	Total Women	Total Women	Total Women
			400		1790	10	O Pa		
1921	404	14	189	5	176	10	67		
1922	448	22	221	4	181	22	98		
1923	503	18	383	6	203	22	88		
924	651	25	281	4	200	8	80		
.925	477	25	203		177	16	72		
926,	510	17	150	4	134	4	83		
927	421	20	145	2	212	10	93		
928	481	21	98		182	9	102		
929	747	41	102		183	11	111		
930	518	31	114	1	204	11	111		
.931	535	26	90		208	10	122		
932	511	24	78		203	12	159		
933	483	25	70	1	162	10	174		
934	488	18	83	2	160	9	125		
935	472	20	80	1	150	13	150		
936	497	21	106		190	10	191		
937	511	22	113		164	14	166		
938	544	15	98	1	180	18	184	19	12
939	565	27	111	2	190	18	246	16	15
940	615	20	115		190	15	315	30	21
941	562	25	98		160	15	209	34	30
942	554	22	100	2	122	8	216	55	34
943	608	31	131	2	106	9	319	32	31
	722	35	104	3	102	21	309	35	33
944	575	34	172	3	78	16	404	36	47
1945		45	77	1	104	15	457	82	71
1946	628	40	- 11	1	10.8	1,0	701	02	

# DOMINION BUREAU OF STATISTICS

# Graduates from Canadian Universities, 1921-46—Continued

BACHELOR DEGREES OR EQUIVALENT

	Law		Protest: Theolog College	ical	Roman Catholic Theological Colleges	Cannon Law
	Total	W.	Total	W.	Total Men	Total Men
			220		000	0
	393	14	200	18	226	2
	282	4	148	22	245	
	261	4	163	18	264	5
	252	11	152	19	278	1
	226	7	168	19	250	2
	277	10	205	23	270	7
	257	7	173	21	272	9
	198	7	166	17	271	12
	241	3	164	15	244	19
),	211	8	161	16	269	20
	223	5	189	18	245	16
	235	8	173	15	265	21
4,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	213	7	162	17	258	6
	209	8	202	20	288	8
	238	11	202	15	289	2
	209	7	174	16	310	
	236	7	183	19	338	22
	273	8	165	18	343	
	264	9	166	20	356	2
	242	6	152	12	323	5
	265	4	148	21	340	8
	181	4	143	16	351	7
· • · · · · · · · · · · · · · · · · · ·	147	9	154	10	357	7
			132	16	337	8
	135	10		19	328	0
	121	8	129		0.00	13
	161	12	154	25	329	13

Slate of the	Applied Science		Archi- tecture		Fores- try	Agri- culture		Veterinary Science		Household Science
	Total	W.	Total	w.	Total Men	Total	w.	Total	W.	Total Women
921	389	1	17		15	156	3	26		10
	418	i	12		19	193	i	28		9
922	643	1	19		19	186	3	39		10
923	497		17		26	157		34		DO
024					21	131		21		00
25	380		19		19	111	3	18		10
26	329		14	4		87	3	18		20
27	367	1	15	1 1	15		0	21	1	57
28	345	1	19		27	104		23	_	PHIP
29.,,	380		25		18	94		21		100
30	411	1	25		44	131	1			110
31	448		24		41	160	2	28		
32	462	1 1	22	1	32	150	1 1	34		
33,	592	1	32		27	198	2	37		
4	662	2	31		32	215	2	36		
5	682	1 1	21	2	37	243	10	52		
6	605	2	53		21	238	7	53		
7	581	1	26	2	17	216	3	40		162
8	604		38	7	18	235	5	62	1	184
39	629		30	3	21	258	3	77	1	194
Ю	715	1	21		52	240	7	72		187
11	753		24	1	42	238	8	68	1	214
42	695		11	i i	51	269	8	68	2	188
49	733		17	3	24	206	8	54		100
43	767		17	3	28	180	6	29		150
14				1	26	168	10	49	4	160
45	749 1,007	2	20 29	4 4	40	202	10	43	1	187

### Graduates from Canadian Universities, 1921-46—Concluded

Post Graduate Degrees, 1941-46

	Master of Arts		Master of Science		Licence		Bachelor of Divinity	Doctorate in Course		Other Diplomas and Certificates	
	Total	W.	Total	W.	Total	W.	Total Men	Total	W.	Total	W.
921	147	42	30	6	41		34	24	1	6	
922	156	46	60	4	43		61	24	1	57	
923	196	62	58	2	61	1	42	31	2	61	1
924.	222	64	73	5	46	1	47	35	3	79	8
925	187	64	79	5	57		33	33	3	42	3
926	202	62	82	4	40	1	30	28	4	53	2
927	225	72	67	3	70	3	33	40	1	52	1
928	251	74	77	5	72	1	24	41	4	81	2
929	228	76	59	2	76	1	31	51	5	85	2
930	238	78	68	4	94	1	41	61	7	87	
931	274	94	93	4	91	2	37	46	7	84	2
932	239	80	124	5	130	2	33	80	11	86	2
.933	287	101	145	7	97	4	32	87	9	91	
.934	254	87	134	4	129	16	46	89	11	100	5
935	254	93	115	8	112	7	36	77	4	9.3	3
936	252	73	133	3	100	7	43	68	5	90	
937	265	70	107	8	121	4	46	78	7	88	8
938	279	80	115	5	102	2	35	84	-11	121	42
939	284	75	117	7	156	1.3	42	80	7	116	38
940	284	65	113	8	168	12	41	82	3	163	58
941	258	57	118	- 8	211	2	41	75	5	175	69
942	250	49	98	6	170	12	27	121	10	213	100
943,	193	51	87	12	197	18	26	92	11	188	90
944	168	43	70	7	214	19	23	92	14	231	95
945	183	59	82	8	213	22	40	89	11	240	120
946	328	69	145	5	299	18	51	104	12	579	252

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#### CHAPTER II

# THE ACADEMIC ORGANIZATION OF UNIVERSITIES AND COLLEGES 1921 AND 1948

Reference to progress is found in the historical notes included by most universities in the annual Calendar. The main items noted in these reports have been summarized here as representative factors in the advance of higher education since 1921. They are not to be considered as a comprehensive resumé of the expansion that has occurred in the past twenty-five years.

Saint Dunstan's University. Founded in 1855. Degree-granting charter in 1917.

Academic organization in 1921: Faculty of Arts including a preparatory school of Commerce and preparatory course for Theology.

Subsequent revisions: In 1940 degree courses in Science and pre-professional courses for Medicine and Dentistry were added. The original charter of Saint Dunstan's gave the college degree-granting powers but by affiliation with Laval University in 1892 degrees were granted usually by Laval. Since 1940 Saint Dunstan's has exercised its own power of granting degrees, retaining the association with Laval whereby students may, on the successful completion of certain courses prescribed by Laval, obtain the Bachelor of Arts degree from the latter university.

#### Dalhousie University. Founded in 1818.

Academic organization in 1921: Faculty of Arts and Science including a three-year course of pre-specialized Engineering, and Departments of Commerce, Music and Pharmacy; Faculty of Medicine; Faculty of Dentistry and Faculty of Law. Instruction in Pure Science for students of the Maritime College of Pharmacy and in literary and scientific subjects for students of Music working for degrees in Music. Post-graduate work in Arts and Science.

Subsequent revisions: In 1923 the University of King's College, the first university of Canada, entered into association with Dalhousie University and the two institutions combined staffs and facilities for instruction in the Faculty of Arts and Science. Students registered in both institutions may take the courses of either or both. Since 1928 Dalhousie has co-operated with the Fisheries Research Board of Canada in a course leading to a degree in Fisheries. The degree is now post-graduate in character. By arrangement with the Nova Scotia Department of Education a diploma course in education was established for students having a Bachelor of Arts or Bachelor of Science degree. Students with this diploma receive the High School licence to teach in any public or high school of Nova Scotia. On completion of one year of experience and the submission of an acceptable thesis the university awards the Bachelor of Education degree. In co-operation with the Nova Scotia Technical College which provides the technical training, and the Fisheries Board of Canada, the University provides instruction in Science to students with the B.Sc. degree for a diploma in Food Technology in effect a post-graduate course in the processing and preservation of food.

#### University of King's College. Founded in 1789.

Academic organization in 1921: Located at Windsor, N.S., the college provided instruction in two faculties, Arts and Science and Divinity, for students of the Anglican church denomination.

Subsequent revisions: In 1923 the college moved to Halifax and entered into association with Dalhousie University retaining its degree granting powers in Divinity. Students may register in any of the courses of Dalhousie. In 1945 in co-operation with the local newspapers a School of Journalism was inaugurated for students registered in the Arts and Science Faculty of King's or Dalhousie. The technical instruction for Journalism covers a three-year period and may be combined with the Arts course or be taken subsequently to graduation.

#### Acadia University. Founded in 1838.

Academic organization 1921: Faculty of Arts, Faculty of Applied Science, including a three-year pre-specialized course in Engineering, Faculty of Music and Faculty of Theology. Post-graduate courses in Arts and Science.

Subsequent revision: Degree and diploma courses in Home Economics and courses in Education leading to the Bachelor of Education under the conditions described under Dalhousie University were added to the Faculty of Arts. Courses leading to a diploma in Secretarial Science and pre-professional courses for the professions of Law, Medicine, Dentistry and Social Work were designed. Later, a course leading to the Bachelor of Science in Industrial Arts was established for specialization in the teacher-training courses.

Post-graduate work in Music was added to the School of Music leading to the degree Master in Music.

Saint Francis Xavier University. Founded in 1853. University powers conferred in 1866. Academic organization 1921: Faculty of Arts and Science including a three-year course in pre-specialized Engineering and degree and diploma courses in Home Economics. (Co-educational through Mount Saint Bernard College.)

Subsequent revisions: In 1926 Saint Martha's School of Nursing was affiliated with the university and a degree of Bachelor of Science in Nursing was established. Three years later, 1929, the Extension Department of Saint Francis Xavier was formed. Subsequently, the diploma course in co-operative leadership evolved from the courses in co-operative economics, and preprofessional courses for Dentistry, Medicine and Social Service were designed. In common with other Nova Scotia universities, a teacher training course for graduates in Arts and Science was added to the curriculum for prospective High School teachers.

Mount Saint Vincent's College. Founded as an academy for young women in 1873; degree-granting powers bestowed in 1925.

Academic organization 1921: The introduction of college courses into the curriculum in 1914 included an arrangement with Dalhousie University whereby the first two years of the Arts course were taught in Mount Saint Vincent, the final years at Dalhousie.

Subsequent revisions: In 1925 Mount Saint Vincent by charter of the Nova Scotia Legislature was empowered to grant its own degrees in Arts and Science. Degree courses in Arts, Music and Science, including Home Economics, Secretarial Science and Nursing, were established. A School of Education for training teachers and a School of Library Science were established for graduate students. A course in Journalism was included in the Arts curriculum similar to that described under King's above.

#### St. Mary's College. Founded in 1841.

Academic organization 1921: Faculty of Arts, including Commerce and Science; and Faculty of Engineering—a three-year non-specialized course in Engineering.

Subsequent revisions: School of Journalism was established providing professional courses for students of Arts faculty leading to a diploma in Journalism. See above.

#### Collège Sainte-Anne. Founded in 1890.

Academic organization 1921: Classical college, course leading to B.A. degree (bilingual).

Subsequent revisions: Addition of bilingual commercial course of two years leading to a commercial diploma.

Saint Thomas College. Founded as preparatory college in 1876, destroyed by fire in 1878, reopened 1911.

Academic organization 1921: Preparatory school of classical education. Subsequent revisions: University courses were established in 1934, leading to Bachelor of Arts degree. Subsequently a degree of Bachelor of Science in Nursing was established.

University of New Brunswick. Founded as an academy in 1785, a college in 1800, university in 1859.

Academic organization 1921: Faculties of Arts and Science, Applied Science, including a School of Forestry, and partial courses in Law. Graduate courses in Arts and Science.

Subsequent revisions: Degrees in Science and full course for Bachelor of Civil Law inaugurated. Teacher-training courses leading to a bachelor degree in Education were added to the university curriculum in co-operation with the Department of Education. Graduate courses in Engineering and Forestry were made available. Forest Entomology to complement the previous course of Forest Engineering was added in 1944.

Mount Allison University. Founded as a college in 1858; a university in 1886.

Academic organization 1921: Faculty of Arts and Science, Faculty of Theology, School of Applied Science covering three-year course in engineering, and School of Home Economics. Graduate courses in Arts and Science.

Subsequent revisions: Instruction in Theological subjects transferred to Pine Hill Divinity Hall in Halifax. The conservatory of Music, and the Owens School of Fine Arts were added to the organization and degree courses in Music and Fine Arts established. Two-year courses of degree credit in Finance, Commerce and Secretarial Science; pre-medical and pre-dental courses in Science; and a diploma course in Education were added to the curriculum of the Faculty of Arts and Science.

#### Université Saint-Joseph. Founded in 1864.

Academic organization 1921: Arts and Science including preparatory courses. Bilingual.

Subsequent revision: Degree and diploma courses in Commerce, added. In 1939 in co-operation with the Provincial Departments of Agriculture and the Dominion Department of Labour a School of Agriculture of secondary grade was established for French rural students. In 1938 a summer school of pedagogy for French Religieux and lay teachers was established.

#### Université du Sacré-Coeur. Founded in 1899.

Academic organization 1921: Classical college leading to Bachelor of Arts degree.

Subsequent revisions; Secondary courses in Commerce added. In 1945 a degree of Baccalaureat es Sciences Infirmières for student nurses was established.

Université Laval. Founded in 1852. In 1878 Laval established a subsidiary unit at Montreal which developed into L'Université de Montréal and separated from Laval in 1920 as an independent University.

Academic organization 1921: Faculties of Theology, Law, Medicine and Arts. The Arts faculty contained several sections: classical instruction leading to the Bachelor of Arts degree was provided by some 20 affiliated colleges and seminaries. Specialization in Letters, Science, Commerce and Music was provided for in their respective sections of the Faculty of Arts. In addition there was the special school of Agriculture at Sainte Arme de la Pocatière and the School of Surveying and Forest Engineering established by the Provincial Government.

Subsequent revisions: Reorganization and expansion of courses of study during the period 1921-1948 resulted in the following cluanges. The faculties of Canon Law and Philosophy were created. A Faculty of Science was established comprising a School of Chemistry which includes Chemical Engineering; a School of Mines, including Mining Engineering, Metallurgy and Geology; the Science section of the superior Normal School including Biology, Civil and Electrical Engineering, Physics and Mathematics; the school of Fisheries; and the School of Pharmacy. The special schools of Agriculture and Surveying and Forestry were reorganized as Faculties in their respective fields. The schools of Nursing were annexed to the Faculty of Medicine and a degree course, Bachelor of Science in Nursing, was added. The division of Letters was separated from the Arts Faculty and reorganized as a separate faculty containing the school of Modern Languages. The Social Sciences were combined as a faculty including the School of Social Service and the Superior School of Commerce. The Arts faculty in addition to some 20 affiliated colleges for men and eight for women giving the basic Bachelor of Arts degree, now includes the Schools of Music, Pedagogy and Vocational Guidance. A School for Graduates was organized to coordinate graduate work in the various faculties.

Université de Montréal. Established in 1876 as a subsidiary of Laval University at Quebec. Independent Pontifical and Provincial charters granted in 1919 and 1920 respectively.

Academic organization 1921: Faculties of Theology, Law, Medicine, Philosophy, Letters, and Sciences. Schools of Dentistry, Pharmacy, Agriculture, and Veterinary Medicine. Affiliated schools included l'Ecole polytechnique; l'Ecole des Hautes Etudes commerciales; l'Ecole des Sciences sociales, economiques et politiques including Journalism; Classical colleges (10) and the secondary schools for young women; Schools of Music, Household Management, and training schools for teachers.

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Subsequent revisions: The Faculty of Philosophy was expanded to include the Institute of Mediaeval Studies, Institute of Psychology and the Institute of Family Studies; l'Ecole d'infirmières hygiénistes and l'Institut diététique have been added to the Faculty of Medicine; the School of Optometry and the School of Hygiene have been added to the university organization and the professional School of Pharmacy, Dentistry and Agriculture became faculties. Affiliated and annexed institutions include 12 additional classical colleges and little seminaries for young men, seven colleges for young women giving the Arts degree course; three teacher-training institutes; a School of Library Science; School of Social Work; School of Technological Medicine; Institute of Translation; a school of Geography; and some 80 schools and convents giving instruction in Household Science, Music and Nursing, Graduate courses in all faculties are now available.

#### The University of Bishop's College. Founded in 1843.

Academic organization 1921: Faculties of Theology and Arts including a School of Music and lecture courses in Education for the High School Teachers' Certificate of Quebec province. Post graduate work in Arts, Science and Theology.

Subsequent revisions: Degree courses in Science, including specialization in Economics, and Education were added. Pre-professional instruction for Law and Medicine is included in the Arts curriculum.

#### McGill University. Founded in 1821.

Academic organization in 1921; Faculty of Arts including degree courses leading to Bachelor of Arts, Bachelor of Science and Bachelor of Commerce; Faculty of Applied Science, including Architecture; Faculty of Law; Faculty of Medicine, including diploma courses in Public Health and Pharmacy; Faculty of Deutistry; Faculty of Music; Faculty of Agriculture; School of Household Science and Teacher-Training School located at Macdonald College; and a Faculty of Graduate Studies and Research. Schools of Physical Education, Social Work and Library Science provided diploma courses in their respective fields.

Subsequent revisions: The Faculty of Arts became the Faculty of Arts and Science with a considerably broadened curriculum in Pure Science. The School of Commerce was organized within the Faculty of Arts and Science the curriculum designed as a semi-professional program, including basic studies in Accounting, Statistics, Commercial Law and Economics. The Faculty of Applied Science became the Faculty of Engineering. The Faculty of Medicine added such specializations as Tropical Medicine, Neurology and Neurosurgery, Radiology, Anaesthesia and Endrocrinology. A school of Physiotherapy was organized. A degree course Bachelor of Science in Physical Education was added to the School of Physical Education and a degree of Bachelor of Nursing was added to the School for Graduate Nurses. The Faculty of Graduate studies and Research enlarged the subjects of study to include a Department of Geography, Department of Nutrition, Departments of Parasitology and Pathology, Department of Sociology, Pulp and Paper research and other departments included in the main fields of undergraduate study mentioned above.

#### Sir George Williams College. Founded in 1873.

Academic organization 1921: Vocational and Academic courses of secondary grade. Night schools.

Subsequent revisions: Day courses were established in 1929 for the first two years of university grade work. Full degree courses were developed in 1936-37. The courses of study include Arts, Science, Commerce, Textile Dyeing, Fine Art, Commercial Art, Secretarial work, Accounting and High School courses. Degree-granting charter was obtained in 1948.

#### Université d'Ottawa. Founded in 1848. Civil charter granted in 1866.

Academic organization 1921: Faculties of Theology, Philosophy and Arts, including a Department of Commerce.

Subsequent revisions: Schools of Science, Business Administration, Political Science and Library Science have been added to the Faculty of Arts. The Institute of Philosophy was established for advanced courses in Philosophy. Degree courses in Nursing Science developed in 1938.

A Faculty of Medicine was established in 1945 and pre-engineering courses preparatory to the establishment of a Faculty of Applied Science were included in the Science programme in 1946. The bi-lingual Normal School of Ontario is affiliated with the University.

#### Saint Patrick's College. Founded in 1928.

The faculty of Arts, established as a separate institution in 1932, grants degrees in Arts, Science and Commerce under the University of Ottawa charter. Pre-medical and pre-dental courses in Science and a second year University course for Teachers of Ontario are included.

#### Queen's University. Founded in 1841.

Academic organization 1921: Faculties of Arts, Science, Engineering, Medicine and Theology. Graduate courses.

Subsequent revisions: In 1937 the School of Commerce and Administration was established, including a Department of Industrial Relations. The course of studies includes the authorized course of instruction for articled students preparing for the Chartered Accountants' examinations. The Institute of Local Government was organized in 1944 within the Department of Political and Economic Science for sustained study and analysis of Municipal, Provincial and Dominion Government affairs. Specialized post graduate courses in the sciences of Medicine, Public Health, Radiology and Physical Therapy have been added to the curriculum of Medicine, and a degree course in Nursing has been instituted. The faculty of Applied Science includes advanced courses in Chemistry, Physics, Mineralogy and Geology with a programme of specialized Engineering listed elsewhere. The most recent addition is a School of Physical and Health Education. Courses lead to a degree in this subject or a diploma with the Arts degree.

#### University of Toronto. Founded in 1827.

Academic organization 1921: Faculties of Arts, including Science, Commerce and Law; Medicine; Applied Science and Engineering, including Architecture; a School of Forestry and affiliated colleges of Dentistry, Education, Agriculture, Pharmacy and Veterinary Science. Instruction at graduate and post graduate levels.

Subsequent revisions; In 1925 the School of Dentistry of the Royal College of Dental Surgeous became the Faculty of Dentistry of the University. The School of Hygiene was established the same year and included a Department of Public Health Nursing which later in 1933 became the School of Nursing. In the academic year 1924 the Banting-Best Chair of Medical Research was established and the Banting Institute was opened in 1929. Chairs of Geography and Fine Arts were created in 1930, and in 1931-32 discontinuance of instruction in first-year subjects began. Within the following five years the Faculties of Household Science and Music were separated from the Faculty of Arts; the School of Library Science was organized for degree courses; and the Department of Social Work developed into a School. In 1941 a chair of Chinese studies was created and the school of Physical and Health Education was organized. In the same academic year the Institute of Child Psychology, a pioneer in pre-school education, was organized. The Institute of Industrial Relations was established in 1946. Graduate studies during the period 1921-46 have developed from a Department into a School with the most comprehensive field for post graduate instruction in Canada. The facilities of the Royal Ontario Museum, the Dunlop Observatory, and a large industrial area, present opportunities for such special studies as Art and Archaeology; Astronomy; Chinese studies and Semitics; Social Work; Industrial Relations; Biometries and Epidemiology; Aeronautical Engineering; Medicine and Surgery; Forestry, Dentistry, Social Work and other departments specifically related to the various branches of undergraduate study.

#### McMaster University. Founded in 1887.

Academic organization in 1921: Faculties of Theology and Arts.

Subsequent revisions: The transfer of McMaster from Toronto to Hamilton in 1930 provided facilities for considerable expansion of the academic program. A School of Nursing was established within the Faculty of Arts during the years of the war and a broad program of extension and Summer School Courses was undertaken. In 1947-48 the existing organization was changed. A College of Science, Hamilton College, was organized with a separate Board of Governors but

responsible to the University in the academic field. Instruction in Physics, Chemistry, Mathematics, Geography, Geology, Biology and Nursing is centralized in this college. The Colleges of Arts and Theology are separate units for instruction in the humanities and cultural arts. Postgraduate courses of one year in Arts and Science are available.

#### University of Western Ontario. Founded in 1878.

Academic organization 1921: Faculty of Arts; Faculty of Medicine; and the Faculty of Public Health and Nursing.

Subsequent revisions: The changes reported during the last two decades refer to new courses and departments within the existing faculties. A degree course in Law for graduates of Osgoode Hall, leading to LL.B., has been included in the Arts faculty; also degree courses in Journalism and Drama. The Department of Business Administration includes graduate and post-graduate courses and a degree course in Secretarial Science. More recently the College of Music of London has entered into affiliation with the University, and a school of Fine Arts has been organized. Slavonic languages have been added to the Arts curriculum. Graduate studies in Arts and Medicine are conducted under the control of the Board of the Faculty of Graduate Studies.

#### University of Manitoba. Founded in 1877.

Academic organization 1921: Faculties of Arts and Science, Law, Medicine, Engineering, and Pharmacy.

Subsequent revisions: In 1924 the Manitoba Agricultural College became the Faculty of Agriculture. Instruction in the Senior years of Arts and Science was transferred to the Fort Garry site in 1930-32. In the decade 1930-40 St. Paul's College and Brandon College became affiliates of the university. A faculty of Education was created and a School of Music was established. A School of Home Economics was created within the Faculty of Agriculture. Commerce was reorganized as two departments and two degrees, Bachelor of Actuarial Science and Bachelor of Commerce, were established. The Faculty of Engineering and Architecture established a diploma course in Interior Decoration which later developed into a five-year degree course Bachelor of Interior Design. Graduate study with the approval of the University Committee on Graduate Studies may be undertaken in Arts, Science, Architecture, Education, Medicine, Agriculture and Home Economics.

#### University of Saskatchewan. Founded in 1907.

Academic organization 1921: Colleges of Arts and Science, Law and Agriculture. Schools of Engineering, Accounting, Pharmaey and Education.

Subsequent revisions: The School of Medical Sciences was established in 1926; College of Education in 1927; School of Household Science in 1928; the College of Music in 1931. Regina College was taken over by the University in 1934 and continued as a Junior College. The Conservatory of Music of Regina and a School of Fine Arts were opened in 1936 at Regina. The School of Nursing was organized in 1938. In 1943 the School of Accounting became the College of Commerce and in 1946 the College of Graduate Studies was set up. Previously graduate studies had been supervised by a Committee of the Council.

#### University of Alberta. Founded in 1906.

Academic organization 1921: Faculties of Arts and Science, Applied Science, Agriculture, Medicine, Dentistry and Law. Schools of Pharmacy and Accountancy.

Subsequent revisions: Within the period 1921-46 there has developed a School of Commerce; Faculty of Education; School of Nursing; School of Household Science; and a School of Graduate Studies. A Department of Fine Arts is included in the Faculty of Arts. Particular attention has been given to the designing of combined degree courses under the joint jurisdiction of the Faculty of Arts and the professional schools concerned. These include Arts and Commerce, Arts and Engineering, Arts and Law, Science and Medicine and Science and Dentistry. These courses shorten the period of time required to obtain the two degrees by one or two years. A School of Graduate Studies covers the specialized professional fields as well as Arts and Science, at the Mastership level. Some courses are available for doctoral degrees.

University of British Columbia. Founded in 1907.

Academic organization 1921: Faculties of Arts, Applied Science and Engineering.

Subsequent revisions: The development of the University of British Columbia previous to 1925 was delayed by lack of suitable buildings. In 1926 the new building program was begun at Point Grey and expansion since that time has been rapid. Instruction is carried out in four faculties. The Faculty of Arts and Science includes degree courses in Arts, Commerce, Home Economics, Physical Education, Pharmacy, Education and Social Work. Teacher-training courses for High School teachers and pre-medical courses are also included. The Faculty of Applied Science includes degree courses in Engineering, Nursing and Health, Architecture, and Forestry. The Faculty of Agriculture includes degree and diploma courses in Agriculture, courses for Professional Gardeners and training courses for teachers in Agriculture. The Faculty of Law has been created within the past five years. Graduate courses at the Mastership level are available in the faculties of Arts and Science, Applied Science and Agriculture. The courses must be chosen in consultation with the department concerned and be approved by the Committee on Graduate Studies and the Dean.

In assessing the academic progress attained by the institutions of higher education it is fitting to include the new colleges established since 1921. In the Maritime provinces the Maritime School of Social Work was established in 1940 as a training school in Social Work for graduates of Dalhousie, Kings, University of New Brunswick, Acadia, Mount Allison, Saint Francis Xayier, St. Dunstan's, St. Joseph's, Mount Saint Vincent and St. Mary's. In Quebec province many of the changes noted under the French language universities involved the creation of new colleges or a reorganization of the curricula of existing colleges to attain affiliation with the Universities. In Montreal the records report the creation of three new colleges within the past decade; College Stanislas, Séminaire Marie-Médiatrice and Marianapolis College. The records in Ontario are subject to the same conditions as in Quebec. Saint Patrick's College located at Ottawa was established in 1928. Carleton College, located in the same city, was established in 1942. The Pontifical Institute of Mediaeval Studies at Toronto was founded in 1929 as a graduate school. The most recently established college in Ontario is Hamilton College mentioned under McMaster University above. In the Western Provinces the comparatively recent establishment of the universities included the great majority of the colleges now functioning with some re-adjustment or reorganization of curricula to attain university affiliation. The Luther College of Regina was established in 1926, Concordia College, Edmonton, in 1921, and certain Roman Catholic institutions developed into college status from educational convents or schools existing prior to 1921. In 1942 the Royal Canadian Navy and the Royal Canadian Air Force established at Royal Roads, B.C., a joint training school for cadets of their respective services. Subsequent to the cessation of war the curriculum was reorganized as a pre-professional training school for officer-recruits for the three defence forces.

Extension Departments.—For many years previous to the establishment of the Canadian Association for Adult Education the universities and their affiliated colleges had included special courses for adults with or without university creditation, but there was little attempt at co-ordination of the programs or aims in adult education across Canada.

The problems arising from the depression of the early thirties presented an opportunity to expand the work of all agencies participating in adult education. Close observation of the work carried on in the Scandinavian countries, Great Britain and other European countries resulted in the organization of a national association and considerable expansion of the programs under development by the universities.

Fully organized Departments of Extension function at each of the four Western provincial universities. In Ontario the University of Toronto, Queen's University, University of Western Ontario, McMaster University, Ontario College of Agriculture, Université d'Ottawa, Saint Patrick's College and Carleton College present degree or other courses for adults, additional to the work of the regular session. Quebec province has a dual system of adult education and through reciprocity of language courses the universities of McGill, Montreal, and Laval endeavour to integrate the cultures of the French and English sections of the population. Sir George Williams College originally was organized as a college for employed adults and Macdonald College, affiliated with McGill, has developed a system of winter and summer programs wholly different in

content. The winter program emphasizes academic studies, handicrafts and film forums. The summer program has become a nationally recognized system for the promotion of neighborly relations through summer camps with programs of conference and discussion balanced by sports, visual education and community entertainments. These programs are bilingual in character.

In the Maritimes, the Department of Extension conducted by Saint Francis Xavier University is internationally known. Established in 1928 to assist the seven eastern counties of Nova Scotia it now functions through correspondence and lectures in all the Maritime provinces and its influence has spread to all the provinces of Canada and to some sections of the United States.

Adult education courses are not confined to the Departments of Extension. Practically all the colleges and universities conduct annual summer schools. A large proportion of the summer classes were established for teachers but the academic programs, which include regular courses of the winter session and qualify for degrees, are open to other individuals. Correspondence courses for employed adults are reported by Acadia, Mount Allison, Université de Montréal, Université Laval, Université d'Ottawa, Carleton College, Saint Patrick's College, Western Ontario, Queen's University, University of Manitoba and University of Saskatchewan. Evening courses are available at Dalhousie, the French language universities, McGill, Sir George Williams College, Ottawa University, Carleton College, Saint Patrick's College, University of Toronto, Western Ontario, McMaster University and the University of Manitoba.

Summer schools of interest outside of Canada include the Banff School of Fine Arts and Dramatics; the Summer school of the University of Western Ontario conducted at London and Trois Pistoles, Quebec, the latter section is primarily for the study of the French language. The former section includes Art, Drama, Opera, Church music, and Sports coaching with the regular academic work.

McGill French Summer School offers advanced courses in French literature and conversation at a summer location in eastern Quebec and the University of Manitoba conducts special courses including community leadership and physical training at summer locations.

The Department of Extension of the University of Toronto includes the regular summer school, largely teachers, academic night courses in adjacent communities and a wide diversity of special courses in Toronto ranging from training in physiotherapy and occupational therapy, commercial and accounting courses to a special division of Public Safety including training courses for fire-fighting. It includes also special courses organized by the Workers Educational Association, and courses for veterans.

Enrolment statistics for the part-time and extramural work carried out by the universities in 1946-47 are recorded in Table No. 4, page 61.

#### CHAPTER III

#### ADMISSION REQUIREMENTS

The English language institutions of higher education have different requirements for admission to the first year of university education, i.e., the matriculation level. A comparative statement summarized from the various calendars is given below. It does not include the Arts or classical colleges of Quebec, or those colleges organized on the same plan in other provinces, by reason of there being no corresponding break between the equivalent secondary school course and Arts.

Graduation from secondary school may be at two levels, Junior Matriculation or Senior Matriculation. In general the equivalent examinations in the provinces of Canada are as follows.

Province	Secondary School Gradu- ation or Junior Matriculation	Preliminary University Year or Senior Matriculation
Nova Scotia	Grade XII Grade XI Grade XI Grade XI Grade XI Grade XII High school leaving or Junior matriculation Junior matriculation Junior leaving or Grade XI 2nd year certificate of Prince of Wales college	Grade XIII Grade XII Grade XII Grade XII Grade XIII Senior High school leaving or Senior matriculation Senior leaving or Grade XII 3rd year certificate of Prince of Wales college

Students from the United States with certificates of High School graduation recognized by the College Entrance Board of their State are admitted with Junior matriculation status providing they have the necessary language requirements. From Great Britain the school certificates of recognized examining bodies with at least five credits are accepted. From other countries the certificates issued from recognized examining boards are judged on their merits.

There are several points at which a difference of practice, in selecting university entrants, occurs. (1) With the exception of three universities, Toronto, the University of Saskatchewan, the University of Alberta, the requirement for admission to the Faculty of Arts is Junior matriculation and the general or pass degree in Arts requires four years. The first, or preliminary year, of these four years may be taken in a high school, when it is called Senior matriculation or in a university. In the three universities which require Senior matriculation for entrance the general or pass degree in Arts requires three years and the Honours degree requires a further year of intensive specialization.

- (2) The subjects of the Junior matriculation examination vary in the several provinces. The only unanimity is in making English, Mathematics,—Geometry and Algebra—and one other language compulsory. From Ontario eastward the second language must be Latin or Greek, which in practice is almost always Latin. In the western provinces it may be a modern language. In the Maritime universities two foreign languages are compulsory for entrance to a degree course.
- (3) A further variance lies in the admission requirements for the Bachelor of Science degree of the Eastern Universities. In McGill and the Maritime universities a substantial proportion of the B.Sc. degrees would be B.A. degrees in Ontario, and matriculation for these does not require Latin but substitutes more Science requirements. The universities that require Senior Matriculation for entrance tend to treat mathematics and Latin as alternatives in the additional year required for Grade XIII or senior matriculation.
- (4) There is a difference in policy in the admission of students with conditions from matriculation, that is failure in one or more subjects, and the percentage required as a pass mark for the examinations. In recent years it has become necessary for students to remove all or part of the conditions previous to admission and the standards for selection are much higher than in earlier years.

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#### Minimum Requirements for Admission to Arts Faculties

#### Dalhousie University and University of King's College:

Junior matriculation in seven subjects-

Compulsory—English, Algebra, Geometry, two foreign languages, one of which must be Latin or Greek.

Elective—Any two from History, Physics, Chemistry, Biology, Geology, Trigonometry, Latin, Greek, French, German, Spanish, Russian.

#### St. Francis Xavier University:

Junior matriculation in seven subjects.

Compulsory: English, Modern History, a modern language, Algebra, Geometry, Latin. Elective: Any *one* of Physics, Chemistry, Biology, British or Ancient History, Trigonometry, Greek.

#### St. Mary's College:

Junior matriculation in six subjects.

Compulsory: English, French, Latin, Algebra, Geometry, History.

Elective: None.

#### Mount Saint Vincent College:

Junior matriculation in seven subjects.

Compulsory: English, Latin or Greek, a modern foreign language, Algebra, Geometry History.

Elective: One additional subject.

#### Acadia University:

Junior matriculation in 8 subjects.

Compulsory: Algebra, Geometry, English, one Science (Physics and Chemistry or Biology), Latin or Greek, one History, one modern language (French or German).

Elective: A third language, or a second science, or Music.

#### Mount Allison University:

Junior matriculation in 7 subjects.

Compulsory: English, Latin or Greek, one additional foreign language (French or German) Algebra, Geometry, Physics, or Chemistry.

Elective: Any one of History, Music, another Science or another foreign language.

#### University of New Brunswick:

Junior matriculation in 7 subjects.

Compulsory: Algebra and Geometry, History, English, Latin or Greek or French, Chemistry and Physics.

Elective: None.

#### Bishop's University:

Junior matriculation in 6 subjects.

Compulsory: Latin, Mathematics, English.

Elective: Any three from History, French, Chemistry, Biology, Physics, Physical Geography, German, Divinity.

#### McGill University:

Junior matriculation in 7 subjects.

Compulsory: English, History, Latin or Greek, one additional foreign language (German, Spanish or French), Algebra and Geometry.

Elective: Any one of Biology, Botany, Chemistry, Drawing, Geography, Canadian History, Physics, Music, intermediate algebra or intermediate Trigonometry.

#### Carleton College:

Junior matriculation in 6 subjects.

Compulsory: English, Mathematics, History, a foreign language, one Science.

Elective: Any one of another foreign language, Music, Art, Household Science, Commercial work, Geography, Shop Work.

#### Ottawa University:

Junior matriculation in 6 subjects.

Compulsory: English, French, Latin, History, Mathematics.

Elective: Any one of Greek, German, Spanish, Italian, Science, Agriculture,

#### St. Patrick's College:

Junior matriculation in 7 or 8 subjects.

Compulsory: English, History, Physical and Health Education, Latin or Mathematics, Elective: Any two of the following—Mathematics or Latin, Science, Agriculture, Geography, French, German, Greek, Spanish, Italian; and any one of Commercial work, Shop work, Home Economics, Music and Art.

#### Queen's University:

Junior matriculation in 7 or 8 subjects as listed under St. Patrick's College above, including English, History, Mathematics and a second language

Senior matriculation in 4 or 5 subjects.

Compulsory: English, Latin or Mathematics.

Elective: Any three subjects of the following-Greek, German, French, Spanish, Music, Physics, Chemistry, Biology, History, Mathematics or Latin not chosen above.

#### University of Toronto:

Senior matriculation in at least 5 subjects.

Compulsory; English, one foreign language, Mathematics or Latin.

Elective: Any two of the following—Science, History, Music, Mathematics (not already chosen), French, German, Italian, Spanish, Greek, Latin (not already chosen).

#### McMaster University:

Preliminary year: Junior matriculation or Grade XII as under St. Patrick's College.

First year: Senior matriculation, Grade XIII in 6 subjects.

Compulsory: English, one foreign language, mathematics or a second foreign language.

Elective: Any three of the following-History, Chemistry, Physics, Botany, Zoology, Geology, Music and Mathematics, or a foreign language not chosen above.

#### Western Ontario:

Junior matriculation in 6 subjects.

Compulsory: English, History, Latin or Mathematics.

Electives: Any two of the following-Latin (if not chosen above), French, German, Spanish, Italian, Greek, Science, Agriculture, Mathematics (not chosen previously) and any one of the following-Home Economics, Shopwork, Commercial work, Music, Art. Geography.

#### University of Manitoba:

Junior matriculation in 7 subjects.

Compulsory: English, History, Mathematics, a foreign language (Latin, Greek, French or

German), two Sciences.

Elective: One of the following-Music, Home Economics, Shop Work, Art. Commercial work, Geography, a third Science, another foreign language.

#### University of Saskatchewan:

Senior matriculation in 6 subjects.

Conpulsory: English, a foreign language, History, Mathematics or Latin, one Science.

Electives: One subject of the following-Science (including Household Science), Mathematics, Music, Agricultural Economics, a second foreign language.

#### University of Alberta:

Senior matriculation in 7 subjects.

Compulsory: English, Social Studies, Algebra, Trigonometry and analytical Geometry, a foreign language.

Electives: Any two of the following-Physics, Chemistry, Biology.

#### University of British Columbia:

Junior matriculation in 6 subjects.

Compulsory: English, Social Studies, Mathematics, Latin or French, Chemistry or Physics. Electives: One subject of the following—Greek, German, Agriculture, Geography, Home Economics, Shopwork, Music, one language or Science (not already chosen).

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#### ADMISSION REQUIREMENTS FOR DEGREE COURSES IN EDUCATION

In the last decade there has been some re-organization within the universities to provide more status to education, particularly in the western provinces and Quehec. The admission requirements to the Bachelor degree courses tend to higher standards and the courses to more uniformity.

University	Organizational Status of Education	Admission Requirements	Degrees
British Columbia Alberta	Department of Educa- tion Faculty of Education College of Education	Bachelor degree and I year of teaching experience Senior matric, with special options for education Senior matric, with special	B.Ed. (15 units of work)  B.Ed. with specialization (4 year course)  B.Ed. (4 year course)
Manitoba	Faculty of Education	options for education  (a) Bachelor of Arts and 1 year of teaching experience; (b) Senior matric, with perma- nent first class teaching certificate and 1 year of	B.Ed. (4 courses) B. Pedagogy (3 years)
Toronto	Ontario College of Education	experience Bachelor degree and a valid teacher's certificate	B. of Paed. Two full time sessions or three summer sessions
Laval	Ecole de Pédagogie et d'Orientation	Bachelor degree or equivalent and teacher's certificate from a superior normal school	Baccalauréat en Péda- gogie
Université de Montréal	Enseignement pédagogique Institut pédagogie; Institut St. Georges; Ecole Normale Secondaire	Rachelor degree or equivalent and teachers' certificate from a superior normal school	Baccalauréat en Péda gogie
Mount Allison	Faculty of Arts Faculty of Arts Faculty of Arts	Bachelor degree Bachelor degree and diploma in education with one year of experience and thesis in Education	B.Ed.—one year B.Ed.—one year B.Ed.

In the Survey of 1936-38 it was pointed out that Alberta University had only one degree, Bachelor of Education, which was in effect the equivalent of one year beyond the M.A. degree. With the establishment of a Faculty of Education within the university organization all teacher training within the province comes under the supervision of the Faculty of Education and two degrees are now conferred—the Bachelor of Education degree which provides options necessary for specialization has become the Undergraduate degree; and the Master of Education, which requires the Bachelor of Education or its equivalent for admission. Similar degrees are conferred by the University of Saskatchewan. In the University of Manitoba the Bachelor of Paedogogy would appear to be of equal status with the Bachelor of Education of Saskatchewan and Alberta; and the Bachelor of Education is similar in status to the Bachelor of Education of British Columbia and the Bachelor of Paedogogy of the Ontario College of Education.

In the Maritime provinces the High School Teachers' diploma course requires one year of specialized study in residence beyond the Bachelor of Arts or Bachelor of Science degree. Some institutions grant a Bachelor of Education degree after completion of one year of experience and an acceptable thesis. The courses are available at Acadia, Dalhousie, Saint Francis-Xavier and Mount Saint Vincent for Nova Scotia; and at Mount Allison and the University of New Brunswick for the province of New Brunswick.

The Master of Arts degree with a thesis in Education requires a Bachelor degree in Arts or Science with prescribed courses in Psychology and Philosophy for admission. The work is of the general level of the M.A. degree and requires one or two full time sessions of resident graduate work. In some cases summer residence is acceptable for residence. Such courses are available at Bishop's, McGill and University of Toronto.

The Master of Education degree is conferred by Bishop's University in four summer sessions after B.A. or B.Sc.; and by the Universities of Manitoba, Saskatchewan and Alberta, one year after B.Ed.

The doctoral degree is available at the University of Toronto in the School of Graduate Studies

The French-language universities of Quebec and their affiliated institutions have inaugurated advanced courses in method, vocational guidance and research in education. Academic instruction for teachers of the classical colleges leads to the Licence of Letters, equivalent to the English M.A. at the University of Montreal and similar courses are available at Laval. The latter university has organized a School of Pedagogy for modern professional training with degree courses. In Montreal the professional courses leading to degrees are the responsibility of the Institute of Pedagogy of the Sisters of Notre Dame, l'Ecole Normale Secondaire, the Institute St. Georges. The latter promotes extensive research projects which lead to a Doctoral degree. The University of Ottawa provides six courses as options in the B.A. degree.

## Admission to Bachelor Degree Courses in Nursing

University training courses for nurses are, in common with Education degree courses, undergoing a period of reorganization and expansion. Modern techniques in nursing and public welfare require high academic qualifications on the part of the professional nurse. At the instigation of the medical profession—nurses and doctors—the universities have established degree courses in the Science of nursing including specialization in Public Health, Hospital Administration, Hospital Teaching and Personnel Supervision. These courses formerly were open to graduate nurses only. Students now may combine academic courses of university grade with hospital training and in 5 years obtain a bachelor degree, with specialization, in nursing. There is some variation in the order of correlation between the academic courses and the hospital training, but all the institutions require a broad cultural background as well as specialization in the professional courses for the degree.

#### Bachelor Degree Courses in Nursing Science

University	Admission Requirements	Degree and Length of Course
University of British Columbia	Senior matriculation and one year of Arts and Science of the University of B.C.	Bachelor of Applied Science in Nursing. Two years of univer- sity work, one preceding and one following the three-year course of practical nursing.
University of Alberta	Senior matriculation with required Science	B.Sc. in Nursing. Similar to above with specialization in final year.
University of Saskatchewan	Senior matriculation with required Science and languages	B.Sc. in Nursing. Two and one-half years of academic work in uni- versity followed by two and one-half years of practical work.
University of Toronto	Senior matriculation with required Science and languages	B.Sc. in Nursing. Five years of academic work with a pre- scribed quota of practical train- ing in each year.
University of Western Ontario	Secondary School graduation with required Science and language	B.Sc. in Nursing (5 years). One or one and a half years of univer- sity academic work followed by 32 months of nursing in a recog- nized hospital. A final year of university work for specializa- tion.
McMaster University	Senior matriculation with pre- scribed courses in Science and languages	B.Sc. in Nursing (5 years). Two and one-half years of academic work (including six months of hospital training in the first two years) followed by 28 months of nursing experience—a total of 34 months training in
Queen's University	Senior matriculation	hospital.  B.N.Sc. Two years of academic work following or correlated with a three-year training course
Université d'Ottawa	Senior matriculation	in hospital.  B.Sc. in Nursing. Two years of academic work following three years of hospital training.

#### Bachelor Degree Courses in Nursing Science-Concluded

University	Admission Requirements	Degree and Length of Course
McGill University	Senior matriculation, graduation from an approved school of nursing with one year of experience for specialization in Hospital teaching and supervi- sion; and three years of experi-	B. Nursing. Two years in selected courses of Arts and Science and the Faculty of Medicine.
	ence for specialization in Hos- pital Administration or Super- vision in Public Health Nurs-	Maria de la compania del compania del compania de la compania del compania del compania de la compania de la compania del compania dela
Université de Montréal	ing. Grade XI with diploma course in Lettres-Sciences and diploma from recognized School of Nursing.	Bacculauréat en Sciences hospi- talieres. Two years of univer- sity work for specialization in Public Health or Hospital Ad- ministration.
Université Laval	Grade XI or equivalent with required Science and a dip- homa from a recognized school of nursing.	2 years of academic work of University grade for specializa- tion in Public Health or Hos- pital Administration.
	Grade XII of Province of Nova Scotia.	B.Sc. in Nursing (5 years), first year in university to provide a fundamental cultural background followed by three years in the University hospital. A high average admits students to final year in university courses relative to hospital teaching and supervision.

## Admission to the Faculties of Engineering and Applied Science

Students undertaking courses in Engineering and Applied Science must present certificates of pre-professional courses in Arts and Science or take the extra courses before specialization. A summarized description of the admission requirements and the specialized courses available for 1947-48 follows.

#### University of British Columbia:

Entrance--Junior Matriculation (without conditions) in English, Social Studies, Mathematics, Latin or French, Chemistry and Physics.

Pre-professional—One year of Arts and Science, with credits in English, Mathematics, Chemistry, Physics, Latin or French or German or Basic Russian.

Professional Courses—Specialized courses in Agricultural, Chemical, Civil, Electrical, Forest, Geological, Mechanical, Metallurgical and Mining Engineering; Engineering Physics, Nursing and Health, and Architecture. Length of course 4 years.

#### University of Alberta:

Entrance—Grade XII (senior matriculation) in English, Social Studies, Algebra, Trigonometry and Analytical Geometry, Physics, Chemistry, and a foreign language.

Professional Courses—Specialized courses in Civil, Chemical, Electrical and Mining Engineering; Engineering Physics and Engineering Chemistry. Length of course, 4 years.

#### University of Saskatchewan:

Entrance—Grade XII (senior matriculation) in English, History, Mathematics (Algebra, Geometry and Trigonometry), French or German, Chemistry and Physics.

Professional Courses—Specialization in Agricultural, Ceramic, Chemical, Civil, Electrical, Geological and Mechanical Engineering and Engineering Physics. Length of course, 4 years.

#### University of Manitoba:

Entrance—Junior Matriculation with at least two high school Sciences.

Pre-professional—One year in faculty of Arts and Science comprising 20 credits from English, Mathematics, Chemistry, Physics and one foreign language (French, German, Latin or Greek).

Professional Courses—Four-year courses in Civil, Electrical and Mechanical Engineering; also a four-year course in Architecture and a five-year degree course in Interior Design.

## University of Toronto:

Entrance—Senior matriculation in English, Science, Mathematics and one foreign language, with a good standing in Mathematics. Students in Architecture are recommended to select French and those for Engineering are recommended to select German.

Professional Courses - Four-year courses in Civil, Mining, Mechanical, Chemical, Electrical, Metallurgical, Ceramic and Mining Engineering; Aeronautical Engineering; and Engineering and Business. A five-year course in Architecture is also included.

## Queen's University:

Entrance-Junior matriculation with one foreign language and Senior matriculation in English, Mathematics, Physics, Chemistry and one foreign language, and one of Biology, History or a second foreign language.

Professional Courses - Four-year courses in Civil, Chemical, Electrical, Mechanical, Metal-lurgical and Mining Engineering; Chemistry, Mineralogy, and Geology and Physics.

## McGill University:

Entrance—Senior matriculation in English, Algebra, Trigonometry and Co-ordinate Geometry. Physics, Chemistry, and one of the following: History, Biology, French, German, Greek, Latin, Spanish.

Professional Courses—Four-year courses in Chemical, Civil, Electrical, Mechanical and

Mining Engineering; Engineering Physics; and a five-year course in Architecture.

## University of New Brunswick:

Entrance—Junior matriculation in English, History, Chemistry, Physics, Algebra and Geometry, Greek or Latin or French. Latin is not compulsory for entrance to Applied

Professional Course-Five-year courses in Civil, Electrical, Mechanical Engineering and Forestry.

Mount Allison, Acadia University Uniform pre-specialized courses in engineering requiring Dalhousie University, St. Mary's 3 years. Completion of course in Nova Scotia Technical College, St. Francis Xavier University School.

Entrance—Junior matriculation in English, one foreign language, Algebra, Geometry, Trigonometry, History, Physics or Chemistry.

#### Nova Scotia Technical College:

Entrance—Completion of above uniform course in Engineering. Professional Course—Courses of two years for specialization in Civil, Electrical, Mining, Mechanical, Chemical and Metallurgical Engineering.

Specialization in Engineering and Applied Science usually begins after the second (or third) year of a uniform or general course. Two new colleges of Engineering and Applied Science in process of formation (1947-48) give the general course for Engineering

## Carleton College:

Students with senior matriculation may take two years of the Civil, Mechanical or Electrical Engineering course. Completion of these courses gives entrance to the third year of the Faculty of Engineering of McGill University.

Entrance—Senior matriculation or Grade XIII in Ontario, in English, Algebra, Geometry, History, a foreign language and prescribed courses in general education to be announced.

#### Ottawa University:

Entrance-Junior matriculation in English, French, Latin, History, Mathematics, and one of the following: Greek, German, Italian, Science (Physics, Chemistry). Substitution of another elective for Latin, preferably Science, is acceptable for the Engineering course, but six subjects are required.

The French language universities, Laval and the University of Montreal, require the B.A. with Science or B.Sc. degree for entrance or an equivalent entrance examination in French, English, History, Arithmetic, Algebra, Geometry, Physics and Chemistry. The courses offered at L'Ecole Polytechnique include a basic four-year period with special options in the fifth year for Civil, Mechanical, Electrical, Mining Geology and Chemical Engineering. Engineering courses at Laval are available in the Faculty of Science which includes Chemical Engineering, Mining Engineering, Metallurgy and Geology, Electrical Engineering and Civil Engineering; and the faculty of Surveying and Forestry which offers courses equivalent to Forest Engineering. All courses require at least four years and in some cases five years for completion.

#### Admission to Schools of Medicine

As in the case of Arts, there is some variation in the premedical educational requirements. In effect the medical schools require a broad educational background with emphasis on natural science and the foreign languages complementary to the study of medicine. A summary of the entrance requirements of the medical schools and the length of the medical course follows.

## Dalhousie University:

Entrance-Junior matriculation with Latin.

Pre-medical course—2 years. 10 university grade courses in English, History, Mathematics, Chemistry (3 courses), Physics, Biology and German.

Medical course-4 years.

## McGill University:

Entrance—Junior matriculation.

Pre-medical—3 years in Arts and Science including Chemistry 2 years; Physics 1 year; Biology 1 year.

Medical course-4 years.

## Queen's University:

Entrance-Junior matriculation,

Pre-medical—One year of university grade work in English, Mathematics, a foreign language, Chemistry and Physics.

Medical course—6 years including the equivalent of two years in Arts and Science.

## University of Toronto:

Entrance-Senior matriculation.

Pre-medical course—Two years of college credit courses in Chemistry and English and one year of Psychology, Physics, Biology and any two of the following—Anthropology, Botany, a foreign language, History, Mathematics, Philosophy.

Medical course-4 years.

#### University of Western Ontario:

Entrance-Junior matriculation.

Pre-medical course—3 years of a general Science course in the Faculty of Arts.

Medical course-4 years.

## University of Manitoba:

Entrance -Junior matriculation with Science requirements.

Pre-medical course—2 years of college credit courses in English, French or German, Botany, Zoology, Chemistry and Physics.

Medical course—5 years.

#### University of Saskatchewan:

(Pre-clinical course in Medicine)

Entrance—Senior Matriculation including French or German and 2 of Biology, Chemistry, Latin or Physics.

Pre-medical—9 courses of university grade in Biology, Chemistry, English, French and Physics.

Medical course—2 years of pre-clinical instruction.

#### University of Alberta:

Entrance—Senior matriculation including Physics, Chemistry and Latin or French or German-Pre-medical course—2 years of college credit courses in English, Latin, Physics, Chemistry, Zoology, Botany, Psychology, Entomology.

Medical course-5 years.

University of Ottawa: The recently established faculty of Medicine for the University of Ottawa is bilingual in character. The qualifications for admission are based on the matriculation examinations of Ontario or the equivalent.

Entrance—Senior matriculation in French, English, Mathematics (any 2 of Algebra, Geometry, Trigonometry), Chemistry and Physics.

Pre-medical—One year (32 weeks) of study of the sciences essential for the study of medicine, viz., Biology, Chemistry, Physics; English, French and Philosophy.

Medical course-Five years.

Université Laval:

Entrance—The bachelor of Arts of the classical colleges with a diploma of required sciences or the bachelor of Science.

Pre-clinical—Two years of study including Anatomy, Bacteriology, Biochemistry, Biology, Embryology and Histology, Chemistry, Pharmacology, Physiology.

Doctorate -Three years.

Université de Montréal:

Entrance-Similar to Laval.

Pre-medical—One year of study of Science—Chemistry, Physics, Biology—and drawing. Medical course—Five years.

#### BIBLIOGRAPHY

Since the edition for 1932, the "Annual Survey of Education in Canada" has contained a "Bibliography of Canadian Studies in Education", including a section on "Professional and Other Higher Education", another on "Historical and Biographical Studies", in which new publications relating to higher education in Canada have been recorded. With the separation of statistics of higher education from the rest of the Survey, the corresponding bibliographical items are published in the present report. The Education Division of the Dominion Bureau of Statistics will welcome advice of important omissions, so they may be included in the next edition. No systematic attempt has been made to include articles appearing in the periodical press other than the several university reviews; beyond these the list includes only articles that have incidentally come to the attention of the compilers.

## **Annual Reports**

Hereunder are listed the printed annual reports of universities received by the Education Division. There may be others; if so, a copy would be welcomed by the compilers of this report. The annual calendars are not listed except in the case of Université Laval and the Université de Montréal where the annuaire général includes a record of the year's work as well as a description of courses.

Alberta, University of.—Report of the Board of Governors and the President. Annual, 30-40 pp. Obtainable from the University, Edmonton.

Dalhousie University.—President's Report. Annual. Includes a financial statement About 30 pages. Obtainable from the University, Halifax.

Laval Université.—Annuaire général. Includes reports of university officers. Obtainable

from the University, Quebec.

Manitoba, University of.—President's Report. Annual. About 135 pages. Obtainable

from the University.

McGill University.—Annual Report. Includes financial statements. About 100 pages.

Obtainable from the University, Montreal.

Montréal, Université de.—Annuaire général. Includes several appendices on events and work of the year. Obtainable from the Secretary of the University, Montreal.

Queen's University.—Principal's Report. Annual. Contains a summary of the year's work in all Faculties or Departments, including the Registrar's and Treasurer's Report. 120 pp. Obtainable from the University, Kingston, Ont.

Saskatchewan, University of.—President's Report. Annual. 50-100 pp. Includes financial statements. Obtainable from the University, Saskatoon.

Toronto, University of.—Annual Report of the President. A document of 160-180 pages reviewing all departments of the University's work. (In recent years it has also been printed in the Report of the Board of Governors.) University of Toronto Press, Toronto.

Toronto, University of.—Annual Report of the Board of Governors. Of recent years a document of more than 300 pages, including the President's Report on all Departments, detailed financial statement, etc. King's Printer, Toronto.

Universities Bureau of the British Empire.—The Yearbook of the Universities of the Empire. Lists the staff and gives general information concerning Canadian universities, as also for those in other parts of the British Empire.—Published by G. Bell and Sons, London, Eng.

Western Ontario, University of.—Report of the President. Annual, about 60 pages, mimeographed. Obtainable from the University, London, Ont.

Yearbook of Canadian Universities.—First edition of a summarized report of Canadian Universities and affiliated colleges. Information on staff, courses, fees, control and admission requirements of the independent and affiliated degree-granting institutions of higher education. Issued under the auspices of the National Conference of Canadian Universities, Editor K. P. R. Neville, Ph.D., LL.D., London, Ont.

## Biographical and Historical

- Cody, H. J. A chapter in the organization of higher education in Canada. Trans. Royal Society of Canada, Vol. 40, No. 2, 1946; pp. 87-89.
- Collard, E. A. Oldest McGill. The story of the foundation and growth of McGill university. Toronto, Macmillan Co., 1946; 135 pp.
- Corbett, E. A. Dr. Henry Marshall Tory, a pen portrait. Food for Thought, March 1948; pp. 6-9, 22.
- Fetherstonhaugh, R. C. McGill University at War: 1914-18, 1939-45; with an epilogue by F. Cyril James. Montreal, McGill University. pp. 437.
  - Fraser, A. L. Dalhousie fifty years ago. Dalhousie Review, 26, 1947; pp. 465-70.
- Irving, J. A. George Sydney Brett, 1879-1944. Psych. Review, Vol. 54, No. 1, January 1947, pp. 52-58.
  - Loyola College. Golden Jubilee of Loyola College. Culture, 7, 1946; pp. 365-67.
- Montpetit, Edouard. Propos sur la montagne. Montreal, Editions de l'Arbre 1946; 19 cm, 177 pp.

#### Arts and Science

- Alexander, Henry. A programme for English. Queen's Quarterly 54, 1947, pp. 34-36. A discussion of the main objectives of instruction in English and the means used to obtain them.
- Ashley, C. A. The university and commerce and finance. Com. Journal, Vol. 2, No. 7, March 1947; pp. 1-4.
- Bernhardt, K. S. Canadian psychology past, present and future. Can. Jour. Psych., Vol. 1, No. 2, June 1947; pp. 49-60.
- Bladen, V. W. Provision for social research. Can. Jour. of Econ. and Pol. Sc., Vol. 13 No. 2, May 1947; pp. 287-92.
- The Institute of Industrial Relations. Bd. of Trade Jour., Vol. 2, No. 7, March 1947; pp. 1-4.
- Bott, E. A. Problems in the certification of psychologists. Can. Jour. Psych., Vol. 1, No. 1 March 1947; pp. 3-13.
- Innis, H. A. Political economy in the modern state. Toronto, Ryerson, 1946; pp. xix, 270.
- Irving, J. A. The future of philosophy. Univ. of Toronto Quar., Vol. 16, No. 2, January 1947, pp. 189-98.
- Jeffrey, R. L. The future of mathematics in Canada. Queen's Quar. 53, 1946; pp. 304-412.
  Jones, Emrys Maldwyn. The university's duty towards drama. Culture, Vol. vii, No. 3, 1946; pp. 312-24.
- Ketchum, J. D. Psychology and the Canadian Social Science Research Council. Can. Jour. of Psych., Vol. 1, No. 1, March 1947; pp. 14-16.
- ———— Research objectives for social psychology. Can. Jour. of Psych., Sept. 1947; pp. 105-110.
- Kimble, George H. T. Geography comes to the campus. McGill News, Sept. 1945; pp. 12-13.
- **Lévesque**, G. H. Principals and facts in the teaching of social sciences. Can. Jour. of Economics, Nov. 1947; pp. 501-6.
- Liddy, R. B., and Neal, L. E. First course in psychology in Canadian universities. Can. Jour. of Psych., June 1947; pp 61-66.
- Lynch, L. Some meanings of humanism. American Inst. of Socio-Political Thought. Spring, 1947.
- Milner, E. Inter-disciplinary approach to training in the clinical fields of psychology. Can. Jour. of Psych., Sept. 1947; pp. 145-49.
  - Wilson, Geo. E. Problems of the Arts course. Dal. Review, No. 27, 1947; pp. 75-82.
- Woodley, E. C. Our obligations to the Latin language and literature. Culture, VII, No. 3, 1946; pp. 277-286.

#### **Professional Schools**

Bernier, G. H. L'école de protection des forêts, premier rapport. Timber Can., Feb. 1948; pp. 70-1.

Berubé, Louis. L'école des pêcheries de Sainte-Anne. Relations 6, 1946; pp. 171-3; 297-9

Best, C. H. A quarter of a century in medical research. American Jour. of Digestive Diseases. Vol. 13, 1946; pp. 148-51.

Boyd, E. M. Medical research in the university medical school. Chapter 5, Symposium Medical Research. Philadelphia, Lippencott, 1946; pp. 80-109.

Boyd, W. The education of the doctor. President's inaugural address. Bul. of Academy of Medicine, Vol. 19, 1945; pp. 27-35.

Cassidy, H. W. The social science foundations of education for social work. Social Worker, Vol. 15, June 1947, pp. 1-14.

Couch, J. H. How to write examinations and pass. Univ. of Toronto Medical Jour., Vol. 23, No. 4, pp. 169-74.

Cowling, T. Dental research. Oral Health, Vol. 35, Sept. 1945; pp. 663-7.

Dolman, C. E. The future of medical education from the standpoint of preventive medicine and laboratory research. Bul. of Vancouver Med. Assoc., Vol. 21, 1944; pp. 13-21.

Fox, H. G. Copyright in relation to the Crown and universities. Univ. of Toronto Law Jour., Vol. 7, 1947; p. 328.

Hendy, Chas. E. An evaluation by professional students of their professional education. Culture, VIII, No. 3, 1947.

McGregor, A. C. The University of Toronto School of Social Work. Canada's Health and Welfare, June 1947, p. 7.

McPhedran, J. H. How to meet changing conditions in medicine. Can. Medical Assoc. Jour., Vol. 54, 1946; p. 60.

Taylor, R. B. Education for business at the university of Western Ontario. The Can. Chartered Accountant, Vol. LH, No. 6, June 1948; pp. 341-50.

**Thompson**, D. L. The application of biochemistry to medicine. Can. Medical Assoc. Jour., Vol. 56, No. 2, 1947; pp. 129-32.

Pharmacentical research. Can. Pharm. Jour., Vol. 79, No. 9, July 1946; p. 690. Young, C. R. The education of engineers. Engineering Jour., April 1946.

Dec. 1946. Developing professional attitudes amongst undergraduates. Engineering Jour.,

———— Engineering training at Ajax division of University of Toronto. Professional Engineer, April 1946.

## General

Beaulieu, Hon. Paul. L'université et l'industrie. Le Naturaliste Canadieu, Vol. 73, 1946; pp. 316-22.

Bennet, C. L. What the veteran student is teaching the universities. Dal. Review, Oct. 1947; pp. 311-22.

Canadian Youth Commission. Youth challenges the educator. Toronto, Rycrson Press, 1946.

Douglas, A. V. Responsibility of a university to its students. Can. Student, Vol. 25, No. 5, 1947; pp. 82-91.

Graham, W. C. (ed.). Education and the New Age: a series of addresses delivered at United College, Winnipeg, upon the seventy-fifth anniversary of its founding. (W. C. Graham, J. B. Brebner, E. G. D. Freeman, C. W. Stanley, A. W. Trueman.) Toronto, Ryerson Press, 1947.

Innis, H. A. A plea for university tradition. Dal. Review, Vol. 24, Oct. 1944; pp. 298-305.

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#### General—Concluded

Kirkconnell, W., and Woodhouse, A. S. P. The Humanities in Canada. A report prepared by the Humanities Research Council of Canada on instruction in the Humanities in the Universities and Colleges of Canada. Seey. Humanities Research Council of Canada, 166 Marlboro Ave., Ottawa.

Laplante, J. L'université et la culture populaire. Revue de l'univ. Laval, Dec. 1947; pp. 342-3.

Mackenzie, Dr. Norman. The schools and the universities. Educational Review, Vol. 60, 1946; pp. 36-40.

Maclennan, R. D. Continuing aims of higher education. Culture, Dec. 1943; pp. 495-503.

McArthur, H. K. Higher education in the evergreen state. British Columbia Teacher, Vol. 27, 1947; pp. 22-24.

Penny, Arthur G. The university and the community. Le naturaliste Canadien, Vol. 73, 1946; pp. 309-15.

Saunders, R. M. Education for tomorrow. A series of lectures organized by a committee representing the teaching staff of Univ. of Toronto. Univ. of Toronto Press, 1946; cm. 23-5; pp. 130.

Stewart, H. L. University life in Canada. Culture, Sept. 45, pp. 333-48.

Thompson, D. L. The role of the universities in research. Research in Canada, published by the Imperial Oil Co. Ltd., for the Chemical Institute of Canada, 1946; pp. 21-25.

Thomson, J. S. Canadian universities face the future. Queen's Quarterly, Vol. 53, No. 3, 1945.

# SECTION II

CURRENT TABLES, 1944-1946

## H MOUTOR

PERIODE LANGUES TRANSPORTED

Nore.—The name of each institution is entered in the language (French or English) used in it as the main language of instruction. The name of each university that has numerous affiliated colleges is entered in italics, and immediately below are listed its affiliated institutions, their names slightly indented in the column. The whole is designed to indicate the structure of the higher educational system in Canada.

Name of Institution, address and control	Courses und affiliations
vincial).	Normal School, Preparatory and Two Years Arts (Co-educational) Graduates admitted to 3rd and 2nd year Arts in Dalhousie, Acadia, Mount Allison and King's, Junior Commercial, Preparatory and four-year degree courses in Arts.
(Roman Catholic).	Science, and Commerce, Pre-Medical and pre-dental courses in science. Co-educational at University level. The University grants its own degrees and in addition students may obtain the Arts degree of Laval University on completion of certain courses in Philosophy prescribed by the Quebec University.
Nova Scotia	
	Preparatory, Degrees in Arts and Science, Household Science, Music and Theology. Three Years' Engineering, Diploma in Secretarial Science, (Co-educational). Students completing Engineering Course, admitted to second-last year of Buchelor's Course in Engineering in Nova Scotia. Technical College and McGill University. Graduates in Arts, if proper electives have been chosen, admitted to second year Medicine in McGill.
Dalhousie University, Halifax (Undenominational).	Degrees in Arts and Science, Commerce, Music, Mcdicine, Dentistry, Pharmacy, Law and Fisheries. Diploma in Household Science, Food Technology, Three Years' Engineering, (Co-educational). On completion of Engineering Course at Dalhousie, B.Sc. in Engineering obtained at Nova Scotia Technical College in two years,
University of King's College, Halifax (Anglican).	obtained at Nova Scotia Technical College in two years.  Arts and Science (including a diploma course in journalism). Degrees in Theology. (Preparatory in King's College School at Windsor, N.S., reported in private schools) (Co-educational). All degrees in Arts and Science granted by Dalhousie. Except in First Year, classes in King's do not duplicate those in Dalhousie, each other class whether conducted in the one or the other institution, being open to students of both, King's is "associated" with Dalhousie.
Church).	Degrees in Theology. First Year of course may be taken at Dalhousie or Mount Allison Universities. For certain classes in Pine Hill credit is
Maritime College of Pharmacy, Medical Science Bldg., Halifax (Pharm. Soc. and Dalhousie Univ.).	given toward the B.A. degree in Dalhousie.  Two- and three-year Pharmacy courses. Prepare students to become registered Pharmacists in Nova Scotia and New Brunswick (Co-educational). Students may obtain degrees of B.Sc. (Pharmacy) in Dalhousie by taking certain courses in the Faculty of Arts and Science in addition.
man Catholic).	Degrees in Arts, (including a diploma course in journalism). Secretarial Science, Library Science, Nursing, Household Economics and Music
St. Francis Xavier University, Antigouish (Roman Catholic).	Preparatory Courses in Mount Suint Vincent Academy. (Women only). Preparatory, Degrees in Arts, Science, Household Science, Nursing, Three Years, Engineering. (Men and Women, the ladies' College being Mount St. Bernard). B.Sc. in Engineering completed at Nova Scotia Tech- nical College in two years by those completing the three-year course in St. Francis Xavier. Similarly at McGill.
St. Mary's College, Halifax (Roman Catholic)	Preparatory, Degrees in Arts (including diploma course in journalism), Science, Commerce. Three Years Engineering (Men only). Engineering course completed at Nova Scotia Technical College as above.
Catholic).	Preparatory, Junior Commercial, Degrees in Arts and Letters (Men only).
Holy Heart Seminary, Halifax (Roman Catholie).	
Nova Scotia Agricultural College, Truro (Provincial).	Short courses in Agriculture and Home Economics. Two Years of a "degree course" in Agriculture (Co-educational). Students completing "degree course" are admitted to the third year of B.S.A. course at Macdonald College, Quebec, and at the Ontario Agricultural College, Guelph.
Nova Scotia Technical College, Halifax (Provincial).	The two final years of course for E.Sc. in Engineering, and grants degrees.  Regular students have taken junior years of course in Acadia, Dalhousie, King's, Mt. Allison, St. Francis Xavier, or St. Mary's.
Maritime School of Social Work, Halifan (Undenominational).	A post graduate course of two years leading to a diploma in Social Work. Also a certificate course for regional workers in Social Service.
New Brunswick	
(Provincial).	Degrees in Arts and Science, Law, Engineering and Forestry (Co-educational).
Mount Allison University, Sackville (United Church).	Degrees in Arts and Science, Music, Fine Arts and Home Economics. Certificates in Art and Home Economics. Diplomas in Secretarial Science and Commerce. Three Years Engineering. One Year Theology. Two Years' pre-medical and pre-dental. (Co-educational). Arrangements provide for completing of degree course in Engineering at Nova Scotia Technical College, McGill or Queen's in two years, in Theology at Pine Hill Divinity Hall in three years, in Medicine at Dathousie or McGill in five years, in Dentistry at Dalhousie in four years.
Catholic French and English).	Preparatory, Dislames in Commerce Degrees in Arts and Letters (Man
Catholie). St. Thomas College, Chatham (Roman	Preparatory, Diplomas in Commerce, Degrees in Arts and Letters (Menonly).  Preparatory and Arts (Menonly).
Catholic).	

Name of Institution, address and control	Courses and affiliations
Quebec	
Sir George Williams College, 1441 Drummond St., Montreal. (Y.M.C.A.).	Diplomas and Degrees in Arts, Science and Commerce, Courses in Fine and Applied Art and Business (Co-educational).
Bishop's University, Lennoxville, Que. (Anglican).	Degrees in Arts, Music and Theology. Course in Education for High School Teacher's Diploma (Co-educational).
McGill University, Montreal, Que. (Undenomina- tional).	Degrees or diplomas in Arts and Science, Commerce, Law. Agriculture Architecture, Engineering, Dentistry, Medicine, Pharmacy, Household Science, Nursing, Music, Physical Education, Social work, Library School, School of Physiotherapy and Graduate School (Co-educational) See under Royal Military College, Acadia, Mount Allison, St. Francis Xavier, and Alberta Universities for arrangement re credit for Engineering Courses at McGill. See also under Macdonald College and the three theological colleges immediately below.
Royal Victoria College, Montreal, Que. (Undenominational).	The Women's College in McGill University for courses in the Faculty of
(Undenominational).	Full courses and Short Courses in Agriculture and Household Science. (Also Provincial Normal School) (Co-educational). An incorporated College of McGill University. Degree Courses in Agriculture controlled by, and degrees for same granted by McGill. Other courses in Agri- culture and those in Household Science under direction of the College.
United Theological College, 3506 University St., Montreal (United Church). Diocesun Theological College, 3472 Univer- sity St., Montreal (Anglican). Montreal Presbyterian College, 3489 Mc- Tavish St., Montreal (Presbyterian).	Degrees in 'Pheology Affiliated to McCill: Students of those Colleges
Université de Montréal, Montréal (Roman Catho- lic, as also most affiliated colleges).  Ecole Polytechnique, 1430 St-Denis, Mont-	The faculties and Schools of the University are: Theology (Grand Séminaire de Montréal) Law, Medicine, Science, Philosophy (including l'Institut de Psychologie and l'Institut d'études médiévales), Letters, Dietetics, Dentistry, Pharmacy, Social Science, Nursing, also the affiliated schools listed below in Agriculture, Commerce, Engineering and Applied Science, Optometry, Pedagogy, Veterinary Science, etc.
réal (Provincial).  Ecole des Hautes Etudes Commerciales, 535 Avenue Viger, Montréal (Provincial). Institut agricole d'Oka, La Trappe. Ecole de Inédecine vétérinaire, La Trappe. Ecole d'optométrie, 1610 St-Denis, Montréal. Institut pédagogique St-Georges, 244 rue Sherbrooke est, Montréal. Institut pédagogique, 4873 Westmount Ave., Montréal.	"Affiliated Schools" of the University of Montreal. They might be considered the respective professional Faculties of the University which has direct control of the Courses and grants the degrees, but no financial control.
Petit Séminaire de Montréal	Men and boys only, "Little Seminaries" and "Classical Colleges" affiliated to the University of Montreal, and in reality constituting the Faculty of Arts of the University, which regulates the courses and grants the degrees in Arts. The "Classical" Course, however, covers in addition to the final four years required for the B.A. Degree several preliminary years of study comparable to the more advanced grades of the clementary schools and the secondary grades in other provinces. In addition several of these institutions offer junior commercial courses corresponding to commercial courses in the high schools of other provinces.
Collège Marguerite-Bourgeois, Montréal Marianopolis College, Montreal Collège Saint-Maurice, St-Hyacinthe. Collège Basil-Moreau, St-Laurent Collège Marie-Anne, Lachine. Collège Jésus-Marie, Outremont Collège Marie de France, Montréal Collège du Sacré-Cœur, Sherbrooke.	Affiliated Arts Colleges for girls similar to above for men and boys.

<sup>\*\*</sup> By Ancient Pontifical authority the three Jesuit Colleges retain full authority over their own courses and examinations. The university accepts the recommendations of the Colleges for Candidates for degrees and grants the degrees in Arts or Science.

Name of Institution, address and control	Courses and affiliations
Quebcc—Continued Université de Montréal—Concluded  41 Couvents affiliés	Classical—"Letters-Sciences" or High School Course of four years for girls.  Schools "annexed" to the University of Montreal, i.e., of which the University approves the curriculum, is represented at the examinations, and sanctions the diploma awarded.
Ecole de dessin, Montréal.  Ecole de tourisme, 7439 de l'Epéc, Montréal.  8 écoles d'enseignement ménager.  Conservatoire Lasalle, 847 Sherbrooke St.  E., Montréal.  Ecole d'hygiène sociale appliquée, 1231	Graduate courses for nurses, "Annexed" to the Faculty of Medicine, University of Montreal, See meaning of "annexed" above.
Ecole de Service Social	Two-year course in Social work for graduate students. Annexed to Université de Montréal.
Institut Marguerite d'Youville, Montréal	Training school for nurses leading to degree in hospital science; specialization in hospital administration and nursing instruction. Annexed to Faculty of Medicine, as above.
Ecole de Technologie Médicale, Montréal	Training school for technicians in Medical Science. Course covers four years from B.Sc. degree. Annexed to Faculty of Medicine; as above.
Université Laval, Québec (Roman Catholic, as also all affiliated colleges).	Faculties and Schools of the University are: Theology, Canon Law, Philosophy, Law, Medicine (including School of Nursing), Arts, Letters, Science, Social Science and School of Graduate Studies. The faculty of Arts includes Modern Languages, Commerce, Music and Household Science. The faculty of Science includes Superior Chemistry, the School of Mines, Engineering, Surveying and Forestry, Fisheries, Superior Normal School and School of Pharmacy.
Grand Séminaire de Rimouski de Chicoutimi de Nicolet des Trois-Rivières	The "Grand Seminaries" listed are schools of theology located at or near the "Little Seminaries" or "Classical Colleges" bearing the same name. The Grand Seminary at Quebec City is the Faculty of Theology in Laval University.
Petit Séminaire de Québec, Québec. Petit Séminaire de Nicolet, Nicolet. Collège de Ste-Anne, Ste-Anne-de-la-Pocatière. Petit Séminaire des Trois-Rivières. Petit Séminaire de Rimonski, Rimonski. Petit Séminaire de Chicoutimi, Chicoutimi, Collège de Lévis, Lévis. Petit Séminaire de Mont-Laurier, Mt-Laurier Collège de Lévis, Lévis. Petit Séminaire de Mont-Laurier, Mt-Laurier Collège St-Alexandre, Limbour. Ecole Apostolique, Notre-Dame, Lévis, Séminaire de Gaspé, Gaspé. Collège Charles-Garnier, Québec. Séminaire St-Aphonse, Ste-Anne-de-Beaupré et Aylmer. Séminaire St-Antoine, Trois-Rivières et Québec. Externat Saint-Jean-Eudes, Québec. Séminaire Montfortain, Papineauville. Le Collège d'Amos. Le Juvénat des Pères Maristes, Sillery. Ecole Apostolique du Sacré-Cœur, Beauport Collège d'Amos, Abitibi.	Classical Colleges and Little Seminaries affiliated to the University of Laval. See explanation opposite the names of the similar institutions affiliated to the University of Montreal.
*Collège des Jésuites, Sudbury, Ont *Collège des Jésuites, Edmonton, Alta *St. Dunstan's University, Charlottetown, P.E.I.	"Associated Colleges," i.e., "affiliated classical colleges" situated outside the provinces of Quebec and Ontario (Lower and Upper Canada).
Académie de la Salle, Trois-Rivières	Schools for men, other than theological and classical, affiliated to the University of Laval. Diplomas and degrees are awarded by the University.

<sup>\*</sup> Also listed with the institutions of the province where located.

Name of Institution, address and control	Courses and affiliations
Quebec-Concluded	
Université LaralConcluded L'Institut des Dames Religieuses de Jésus- Marie de Sillery, Québec. L'Institut des Dannes Religieuses de l'As-	
somption, Nicolet. L'Institut des Dames Religieuses des Ursulines, Trois-Rivières. Le Collège des Ursulines, Québec. Pensionnat Notre-Dame de Bellevue, Québec. Collège des Ursulines, Rimouski	Affiliated Arts Colleges for girls similar to Classical Colleges for men.
Ecole Supérieure des Sciences Domestiques, St-Pascal.  16 couvents ou instituts affiliés, 2 écoles	Degree Courses in Domestic Science.
d'ens. ménager, et St. Patrick High School, Three Rivers.	"Higher Primary instruction," i.e., High School Course for girls.
12 Ecoles de Garde-Malades	Diploma Course in Nursing.
liation).  Scholasticat de l'Immaculée Conception (Jésuites), 1855 Rachel P., Montréal.  Scolasticat des Religieux du TSSacrement 514 Mt. Royal Ave., E., Montréal.  Studium Franc. de Théologie, Blvd. Rosemont, Montréal.  Maison d'études du monastère de la Réparation (Capucins). Pointe-aux-Trembles.  Séminaire des Missions Etrangères, Pont-Viau.	
Studium Franc. de Philosophie, 33 rue de l'Alverne, Québec. Scolasticat de Philosophie (Oblats), Riche- lieu.	Theological schools. Some have classical students, i.e., students in philosophy, as well as theological students. No affiliation.
Scolasticat St-Charles (Clercs de St-Viateur), Joliette. Scolasticat de la Congrégation de Ste-Croix, Montréal. Scolasticat de Philosophie (Cong. de Ste-Croix), St. Laurent. Monastère des Trappistes, ND. du Lac et Mistassini. Scolasticat (philosophie) des Miss. du Sacré-Cœur, Waterloo. Séminaire des Missionnaires d'Afrique (Pères Blanes), Everell.	
Noviciat des PP. Bénédictins, St. Benoit du Lac.	
Juvénat St. Bernard (Cisterciens), Mistas- sini. Cisterciens de la Commune Observance, N.D. de Val d'Espoir. Cisterciens de l'Immaculée-Conception, St- Michel de R. Ecole St-Ignace (Jésuites), 1180 Bleury, Montréal. Maison St-Joseph (Jésuites), Sault-au-Récol-	
let. Juniorat de la Compagnie de Marie, Papi- neauville. Collège Missionnaire (Franciscains), Sorel Collège Séraphique (Franciscains), Trois- Rivières	Classical courses preparatory to Theology, roughly equivalent to high school and junior college years. No affiliation.
Rivières.  Noviciut des Pères Capucins, Québec  Congrégation de la Fraternité Sacerdotale, Pointe-du-Lac.  Juvénat St-Joseph, Cong. de Ste-Croix, St. Hyacinthe.  Juvénat des Saints-Anges, Clercs de St-Viateur, Berthierville.  Juvénat Champagneur, Clercs de St-Viateur, L'Epiphanie.	
Ontario	The state of the state of the state of
Université d'Ottawa, Ottawa (Roman Catholic O.M.I.).	Preparatory Department. Degree Courses in the Faculties of Theology, Arts (including Science, Commerce, Philosophy, and Public Admini- stration) and Medicine. Conducts a School of Nursing, School of Music and Elegation Library School and a Provincial Normal School

Congrégation de Notre-Dame, Ottawa..... Pensionnat de N.D. du Sacré-Cœur, Ottawa Maison-Mère des S.G. de la Croix, Ottawa... Pensionnat de N.D. de Lourdes, Ottawa... Petit Séminaire d'Ottawa, Ottawa...

Music and Elecution, Library School and a Provincial Normal School for training teachers for the bilingual schools of Ontario.

Preparatory and Arts Schools in Ontario. Full Course in Arts not given in all schools.

Name of Institution, address and control	Courses and affiliations
Ontarlo—Continued Université d'Ottawa—Concluded *Notre-Dame College, Wilcox, Sask *St. Thomas College, Battleford, Sask *Collège Mathieu, Gravelbourg, Sask *Collège Thèvenet, Gravelbourg, Sask *Couvent des SS. de la Providence, Prud'-homme, Sask *Collège du Sacré-Cœur, Regina, Sask *Juniorat St-Jean Apòtre, Edmonton, Alta, *Académie Ste-Thérèse, Medicine Hat, Alta.	Affiliated arts and preparatory schools situated outside the province of Ontario.
Carleton College, Ottawa (Undenominational)	Degree courses in Arts, Science, Commerce and Journalism. Also a two- year general course in Engineering and Applied Science.
University of Western Onlario, London (Unde- nominational)  Alma College, St. Thomas (United Church) Assumption College, Windsor (Roman Catholic.)  Huron College, London (Anglican)	Affiliated Colleges of the University of Western Ontario, Arts only, except
Ursuline College, London (Roman Catholic) Winterloo College, Waterloo (Evangelical Lutheran). Queen's University, Kingston (Undenomina- tional).	Degrees in Arts (and Science), Commerce, Applied Science and Engineering, Medicine (Co-educational).  Degree Course in Theology. Affiliated to Queen's University. Degrees granted by the University.
McMaster University, Hamilton (Baptist) Osgoode Hall Law School, Toronto, 2, (Law Society). Royal Military College, Kingston (Dominion) St. Jerome's College, Kitchener (Roman	Degrees in Arts (and Science) and Theology. (Co-educational.) Three-year course for which one year of Arts is prerequisite, graduating barristers-at-law (Co-educational). No affiliation.  A four-year course in Applied Science and Engineering (Men). Canadian Universities admit graduates to fourth year of civil engineering and third year of other engineering courses.  Junior commercial, preparatory years, and a three-year College of Arts
Catholic). Collège du Sacré-Cœur, Sudbury (Roman Catholic).	Course (Men). No affiliation. Preparatory and Arts (Men). See under Laval University.
St. Patrick's College, Ottawa, (Roman Catholie).	Preparatory and junior commercial. Degrees in Arts, Science, Commerce and Social Science. St. Patrick's College, while retaining autonomy of Faculty and Administration, shares the rights and privileges of the charter of the University of Ottawa with regard to the conferring of academic degrees. Co-educational at College level.
St. Augustine's Seminary, Toronto. (Roman Catholic). St. Alphonsus Seminary, Woodstock. (Roman	
Catholic). Collège des Dominicains, Ottawa. (Roman, Catholie).	
Seminaire Universitaire Saint-Paul, Ottawa. (Roman Catholic). Scholasticat St. Joseph. Ottawa. Scolasticat des Montfortains, Eastview. (Romau Catholic).	Theological schools. Some have classical students, i.e., students in Philosophy, as well as Theological students.
Seminaire des Missionnitres d'Afrique (Pères Blancs), Eustview. (Roman Catholie). Holy Rosary Scholisticate, Orleans College of Christ the King, Toronto. (Roman Catholie). St. Basil's Scolasticate, Toronto. (Roman	
Catholie).	
Mount Carmel College, Niagara. (Roman Catholic). St. Mary's College, Brockville. (Roman Catholic). Collège Séraphique, Ottawa. (Roman Cath- olic). Juvénat St-Alexis, Ottawa. (Roman Catholic) St. Stanislas Noviciate, Guelph. (Roman	Classical course preparatory to Theology, roughly equivalent to high school and junior college years.
Catholie).  University of Toronto, Toronto 5 (Provincial)	Degrees in the Faculties of Arts (including Pure Science, Commerce and Law), Education, Music, Household Science, Medicine, Dentistry, Pharmacy, Forestry, Engineering and Applied Science (including Architecture), School of Physical and Health Education, School of Social Work, School of Graduate Studies. Diplomas in Social Science, Public Health, Public Health Nursing, Administrative Course for Graduate Nursee, Occupational Therapy, Physiotherapy, Library School. A course in Education leads to High School teacher's certificate from provincial Department of Education. (Co-educational).

<sup>\*</sup> Also listed with institutions of the Province where located.

Name of Institution, address and control	Courses and a	Affiliations		
Ontario—Concluded University of Toronto—Concluded St. Michael's College and Institute o	Preparatory and full Arts Course (Men	and Women) Graduate course in		
Mediaeval Studies, Toronto 5. (Romar Catholic). Victoria University (2 colleges), Toronto	Mediaeval Studies. Federated with Arts Degree Course in Victoria Coll-	th University of Toronto. ege. Theology in Emmanuel (Co-		
(United Church). Trinity College, Toronto 5 (Anglican) Knox College, Toronto 5 (Presbyterian)	University of Toronto.	(Co-educational). Federated with		
Wycliffe College, Toronto 5 (Anglican) United Church Training School, Toronto	Theology. Diploma courses in Deaconess and Miss with Emmanuel College in Victoria	University. Courses of the Cana-		
Church of England Training House, Toronto	dian School of Missions also availab Diploma courses in Deaconess and Miss given at Wycliffe College and at the available to students.			
Canadian School of Missions, Toronto (Mission Boards of Anglican, United and Presbyterian Churches). Ontario College of Pharmacy, St., James Sq	Provides certain courses for missionary lough. All students have access to Knox, Victoria, Trinity and Wycliff Degree and diploma courses in Phar	courses in the Theological Colleges—e.		
Toronto (Pharmacists). Ontario Agricultural College, Guelph (Provincial). Ontario Veterinary College, Guelph (Pro-	educational). Degrees from the Un	iversity.		
vincial).  Manitoba				
University of Manitoba, Winnipeg, Man. (Provincial).	tion, Law, Medicine, Engineering, Agriculture and Household Science	Interior design and Architecture, e, Pharmacy diplomas and High		
Manitoba Law School, Law Courts, Winnipeg (University and Law Society). United College (Wesley and Manitoba),	School teachers course, School of Four-year Course leading to degree of Ll admission to the Law Society, and Preparatory and full course in Arts and	L.B. in the University of Manitoba, call to the Bar.		
Catholic). St. John's College, North Main St., Winnipeg	Preparatory and Arts. Course for wom- Academy. Preparatory, full course in Arts and Theo			
(Anglican). Collège de St-Boniface, St-Boniface (Roman Catholic). Brandon College, Brandon	reparatory, Junior Commercial and full course in Arts. Women's courses given at St. Joseph's Academy. reparatory and full Arts Course. Diplomas in Music and Expression. (Co-educational). Affiliate of the University of Manitoba.			
Saskatchewan				
University of Saskatchewan, Saskatoon, Sask. (Provincial).  Emmanuel College, Saskatoon (Anglican)	Degrees in the Faculties of Arts and Seier Engineering, Pharmacy, Law, Accourse teading to provincial High S medical and pre-dental years. Scho Nursing. (Co-educational). Degree courses in Theology.	counting, Education, Music (also School teacher's certificate). Pre-		
St. Andrew's College, Saskatoon (United Church). Lutheran College and Seminary, Saskatoon	Preparatory and Diploma Courses in Th	eology.		
Luther Theological Seminary, Saskatoon, (Nor. Lutheran). St. Chad's College, Regina (Anglican) Regina College, Regina (Provincial)	Diploma Courses in Theology.  Degree Course in Theology.	is Empression and Fine Aut. (Co.		
Campion College, Regina (Roman Cath-	Preparatory and two years in Arts; Mus cducational). Preparatory and two years in Arts; (Boy			
ohe). Outlook College, Outlook (Nor. Lutheran) St. Peter's College, Muenster (Roman Catholic).		ducational).		
Luther College, Regina (American Lutheran) St. Thomas More College, Saskatoon, (Roman Catholie). Grand Séminaire, Mazenod, Gravelbourg (Ro-	Arts. (Co-educational). Affiliated to U	ducational). Iniversity of Saskatchewan.		
man Catholic).  Collège Mathieu, Gravelbourg (Roman Catholic).				
Collège Thèvenet, Gravelbourg (Roman Cath- olie).	" (Girls).	See under the University of		
Collège du Sacré-Coeur, Regina (Roman Catholic). Couvent des SS. de la Providence, Prud'.	" (Girls). " (Girls).	See under the University of Ottawa, Sacré-Coeur is also affiliated to the University of		
homme (Roman Catholic). Notre Dame College, Wilcox (Roman Catholic).	" (Co-educational).	Saskatchewan.		

Name of Institution, address and control	Courses and affiliations
Alberta	
vincial).  St. Stephen's College, Edmonton (United Church). Grand Séminaire St. Joseph, Edmonton	Degrees in Arts and Science. Commerce, Agriculture, Household Science, Engineering, Education (also course for High School teachers' certificate). Law, Medicine, Dentistry, Pharmacy, Nursing, Co-educational).  Theology, Arts classes taken in the University of Alberta (Men).  Theology.
Catholic). St. Aidan's College, Edmonton (Anglican) Mount Royal College, Calgary (United Church). Concordia College, Edmonton (Lutheran) Canadian Union College, Lacombe (Seventh Day Adventist)	Con un des Vinimentes et Ottom
British Columbia University of British Columbia, Vancouver (Provincial).  Victoria College, Victoria (Municipal)	Degrees in Arts and Science (including Commerce, Education and Home Economies), Engineering and Applied Science, (including Architecture) Agriculture, Law, Pharmacy, Social Service and Nursing diplomas, High School teacher's training course (Co-educational). Two years of Arts and Science (including Commerce and one year of Applied Science,) University of B.C. curricultur (Co-educational). A Junior College of the University of B.C. for convenience of residents of Vancouver Island.
Anglican Theological College of British Columbia, Vancouver (Anglican). Union College of British Columbia, Van- couver (United Church). H.M.C.S. Royal Roads, Royal Roads, B.C.	Degree courses in theology. Affiliated theological colleges of the University of British Columbia. They provide religious knowledge options for which credit is given by the University toward the B.A. degree.  Two-year training course for Naval and Air-force officer cadets.

# 2.—LIST OF PROFESSIONAL SCHOOLS, COLLEGES AND UNIVERSITY FACULTIES IN CANADA, SHOWING THE FULL-TIME ENROLMENT OF UNIVERSITY GRADE IN EACH BRANCH OF STUDY, 1945 AND 1946

Nore.—This is a detailed list of the institutions of parts of institutions for which statistics are summarized in the ensuing tables. The name of each appears in the language, English or French, used in it as the main language of instruction. The figures opposite the name of each show full-time enrollment of university grade, i.e., in courses for which matriculation is prerequisite, male and formale separately. No record is included of part-time students (except in Post-Graduate Arts and Science where they cannot be separately, evening classes, short courses or extension students of any kind; nor of full-time students that are in courses for which matriculation is not prerequisite, e.g., statents in the high school or preparatory departments of colleges, or in diploma courses in agriculture, household science, unic, etc. Students of all kinds are counted in the later tables but the more limited purpose of Table 2 is to show at what locations instruction in each branch of higher studies is available, and to indicate the approximate share of each institution in the total.

	19-	46	19	45
	М.	F.	М.	F.
1. Post-Graduate Arts and Pure Science (in this section it is necessary to	1		100	
include part-time students of the regular session as well as full-time)—Acadia University, Walfville, N.S.	8	- 3		_
Delhausia University Helifay N.S.	35	12	18	11
St. Francis Xavier University, Antigonish, N.S.	17	3	7	2
Mount Allison University, Sackville, N.B. University of New Brunswick, Fredericton, N.B.	4	2	2	-
University of New Brunswick, Fredericton, N.B	12	4	2	3
McGill University, Faculty of Gradutae Studies and Research, Montréal,	207	to.	119	55
Qué	1	58	2	90
Bishop's University, Lennoxville, Qué	63	51	45	50
Université de Montréal, Montréal, Qué	487	101	473	104
Université d'Ottawa, Ottawa, Ont.	40	_	130	37
McMaster University, Hamilton, Ont	10	3	9	~
Queen's University Kingston, Ont.	17	2	12	3
Pontifical Institute of Mediaeval Studies, Toronto, Ont	41	4	23	3
University of Toronto, School of Graduate Studies, Toronto, Ont	611	146	226	60
University of Western Ontario, Lomlon, Ont	44	5 18	18	11
University of Manitoba, Fort Garry, Man	9	3	10	7
University of Alberta Edmonton Alta	38	6	24	8
University of Alberta, Edmonton, Alta	139	41	87	29
2. Undergraduate Arts and Pure Science (Full B.A. Course)—				
Prince Edward Island—	106	15	74	
St. Dustan's University, Charlottetown	100	10	17	
Nova Scotia—				
Acadia University, Wolfville,	316	111	167	103
Collège Ste-Anne, Church Point	26	1 64	24	117
Dalhousie University, Halifax	309 79	151	130	19
King's College (University of), Halifax. Mt. St. Vincent College, Halifax.	18	78	19	77
St. Francis Xavier University, Antigonish.	382	83	274	69
St. Mary's College, Halifax	45	-	40	_
New Brunswick—	00		****	
Collège du Sacré-Coeur, Bathurst	82	109	104	110
Mount Allison University, Sackville	232 92	18	50	7
Université St-Joseph, St. Joseph	130	10	125	-
University of New Brunswick, Fredericton	268	82	127	63
QUEBEC-	401	4.5	Ma.	90
Bishop's University, Lennoxville.	121	45 840	79	38 717
McGill University, Montréal	311	60	878 166	58
Collèges Classiques affiliés à l'Université de Montréal:	911	00	100	00
Collège de l'Assomption, L'Assomption,	101		105	-
Collège Bourget, Rigaud	114	-	115	-
Collège Brébeuf, Montréal	198	-	186	-
Séminaire de Joliette, Joliette	195	-	180	-
The state of the s	144		140	
Lovola College, Montréal			1770	
Loyola Collège, Montréal Collège de Montréal, Montréal, Séminaire St-Charles Borromée, Sherbrooke	162 146		179 132	

<sup>&</sup>lt;sup>1</sup> All students in the faculties of Letters, Philosophy and Science at the University of Montreal and Laval University hold a bachelor's degree, in a general classical course, not in specialized fields as is generally the case with students pursuing post-graduate studies in the English language universities.

	1	946	1945	
	M.	F.	M.	F.
Undergraduates Arts and Pure Science—Concluded				
Quebec-Concluded		1		
Collèges Classiques affiliés à l'Université de Montréal—Fin	00		200	
Collège de St-Jean, St-Jean.	93	_	78	
Collège St-Laurent, St-Laurent Collège André-Grasset, Montréal	147 101		150 103	
Externat Ste-Croix, Montréal.	106	_	121	
Collège Ste-Marie, Montréal	221	-	208	
Séminaire Ste-Thérèse, Ste-Thérèse	92	-	94	
Séminaire de Valleyfield, Valleyfield	86	0.5	83	n
Collège Basile-Moreau Saint-Laurent		35 46	-	3
Collège Marie-Anne, Lachine	_	49		4
Collège Marguerite Bourgeoys, Montréal.	_	93	***	7
Collège Saint-Maurice, St-Hyacinthe		20	to the	1
Collèges Classiques affiliés à l'Université Laval:	0.04		000	
Séminaire de Québec. Séminaire de Nicolet, Nicolet	324	_	323 110	
Collège de Ste-Anne, Ste-Anne-de-la-Pocatière	150		136	
Séminuire St-Joseph, Trois-Rivières	211	-	198	
Séminaire de Ritaouski, Rimouski,	141	-	152	
Séminaire de Chicoutimi, Chicoutimi	177	-	161	
Collège Classique de Lévis, Lévis.	129	-	138	
Séminaire St-Joseph, Mont-Laurier	37 53	-	24 39	
Séminaire de St-Victor, St-Victor de Beauce	63		71	
Collège des Jésuites, Gaspé	41	_	39	
Collège St-Charles-Garnier, Québec	142	_	133	
Séminaire St-Alphonse, Ste-Anne-de-Beaupré	37	-	43	
Séminaire St-Antoine, Trois-Rivières	52	-	49	
Collège Saint-Jean-Eudes	83 15	-	85 23	
Séminaire Montfortain. Ecole Apostolique du Sacré-Cœur, Beauport	11		18	
Collège d'Amos	6	-	6	
Juvénat des Pères Maristes, Sillery	5	_	5	
Ecole Apostolique Notre-Dame, Lévis	25	-	23	
Pensionnat Notre-Dame, Nicolet		10	-	
Pensionnat Notre-Dame-de-Bellevue. Collège Jésus-Marie de Sillery, Bergerville.	_	23 36	_	
Collège des Ursulines, Québec	_	20	-	
Collège des Ursulines, Rimouski	-	2	-	
Collège Marie de L'Incarnation, Trois-Rivières	-	16	-	
ONTARIO—	850	000	241	0
McMaster University, Hamilton	558 346	295 75	341	2
Collège Bruyère, Ottawa (Collèges Included)	040	38	304	
Collège Notre-Dame, Ottawa.	_	35	-	
Séminaire St-Jean Vianney, Ottawa.	103	-	100	
Scholasticat Saint-Joseph, Ottawa.		400	*	
Queen's University, Kingston	676	423	287 107	3
Collège Sacré-Cœur, Sudbury St. Patrick's College, Ottawa	110 83	6	107	
Carleton College, Ottawa		13	-	
Carleton College, Öttawn. University of Toronto, Toronto (Colleges included)	2,610	2,024	1, 124	1,9
St. Michael's College, Toronto	349	180	168	1
Trinity College, Toronto		247	142	2
Victoria College, Toronto	862 1 235	815 437	635	6
Assumption College, Windsor.	352	113	219	- 1
Ursuline College, London	-	84	-	
Waterloo College, Waterloo	66	54	29	
Manit ba— University of Manitoba, Winnipeg (Colleges included)	2.558	670	728	5
Brandon College, Brandon	90	94	31	0
Collège St-Boniface, St-Boniface,	82	34	54	
St. John's College, Winnipeg.	75		17	
St. Paul's College, Winnipeg.	120	30	97	

<sup>\*</sup> Record not available.

	19	1946		45
	М.	F.	M.	F.
Undergraduates Arts and Pure Science—Concluded				
Saskatchewan—			07	
Collège Mathieu, Gravelbourg	73 75	20	37 58	
University of Saskatchewan, Saskatoon		451	271	2
St. Thomas More College, Saskatoon	121	52	48	
Alberta— University of Alberta, Edmonton	630	210	210	1
	030	210	210	
British Columbia— University of British Columbia, Vancouver	2,994	963	1,006	6
Junior Colleges and Classical Schools of Roman Catholic Orders Pre- paratory to Theology.				
Prince Enward Island				
Prince of Wales College, Charlottetown	107	28	71	
QUEBEC— Ecole St-Ignace (Jésuites), Montréal				
Maison St-Joseph (Jésuites), Sault-au-Récollet	-   B			
Juniorat de Marie-Immaculée (Oblats), Chambly-Bassin				
Collège Séraphique (Franciscains), Trois-Rivières	(TE	etimat	ted Tot	al)
Collège Missionnaire Franciscain, Sorel.  Juvénat des Cisterciens (Trappistes), Mistassini.	(E	Suma	1	0,17
Juniorat de la Compagnie de Marie, Papineauville				
Noviciat des Pères Capucins, Québec	450	7.1	4*0	
Ecole apostolique des Miss. du Sacré-Cœur, Beauport	450		450	
Congrégation de la Fraternité Sacerdotale, Pointe-du-Lac				
Cisterciens de l'Immaculée-Conception, St-Michel de Rougemont				
Juvénat St-Tharsicius, PP. du TSSacrement, Terrebonne Juvénat St-Joseph, Congrégation de Ste-Croix, St-Hyacinthe	2			
Juvénat St-Joseph, Congrégation de Ste-Croix, St-Hyacinthe	1111	1077		
Juvénat des Saints-Anges, Cleres de St-Viateur, Berthierville Juvénat Champagneur, Cleres de St-Viateur, L'Epiphanie				
Noviciat des PP. Bénédictins, St-Benoit-du-Lac				
Ontario—				
Alma College, St. Thomas	40	7	16	
St. Jerome's College, Kitchener	40	_	21	
Collège Séraphique (Capucins), Ottawa	18	-	32	
Juvénat St. Alexis (Servites de Marie), Ottawa	31	-	28	
St. Stanislas Noviciate (Jesuits), Guelph	18	-	20	
Saskatchewan— Campion College, Regina	59	_	39	
Luther College, Regina	14	6	13	
Regina College, Regina	61	39	29 23	
St. Peter's College, Muenster. Sacred Heart College, Regina.	27	9	20	
Sacred Heart Conege, Regma			17.54	
Alberta— Canadian Union College, Lacombe	40	35	7	
Concerdin College Edmonton		- 0	8	
Mt. Royal College, Calgary	18	18	# # #	
Juniorat St-Jean, Edmonton	15	-	16	
British Columbia— Victoria College, Victoria	287	120	123	
Agriculture—	143	2	40	
Nova Scotia Agricultural College, Truro, N.S Ecole Supérieure d'Agriculture, Ste-Anne-de-la-Pocatière, Qué	49	2	40	
Institut Agricole d'Oka, La Trappe, Qué.		-	141	
Macdonald College, Macdonald College, Que	201	9	109	
Ontario Agricultural College, Guelph, Ont	654	12	237	
Faculty of Agriculture, University of Manitoba, Winnipeg, Man	249 477	5	48 64	
College of Agriculture, University of Saskatchewan, Saskatoon, Sask Faculty of Agriculture, University of Alberta, Edmonton, Alta	205	3	58	
Faculty of Agriculture, University of British Columbia, Vancouver, B.C.,		56	99	

## HIGHER EDUCATION IN CANADA

	19	46	19	45
	М.	F.	M.	F.
5.—Architecture—				
Department of Architecture, Faculty of Applied Science, McGill University, Montreal, Que	31 *	12 ‡ - 5	24 33 ‡	15 -
peg, Man	117	-	- 01	-
6. Applied Science and Engineering—				
Nova Scotia Technical College, Halifax, N.S.  Acadia University, Wolfville, N.S.  Dalhousie University, Halifax, N.S.  St. Mary's College, Halifax, N.S.  Krancis Kavier University, Antigonish, N.S.  Mt. Allison University, Saskville, N.B.  University of New Brunwwick, Fredericton, N.B.  Faculty of Applied Science, McGill University, Montreal, Qué.  Ecole Polytechnique, Montréal, Qué.  Faculté des Sciences, Université Laval, Québec, Qué.  Faculty of Applied Science, Queen's University, Kingston, Ont.  Faculty of Applied Science and Engineering, University of Toronto, Toronto, Ont.  Royal Military College of Canada, Kingston, Ont.  Carleton College, Ottawa, Ont.  Faculty of Engineering and Architecture, University of Manitoba, Winnipeg, Man.  College of Engineering, University of Saskatchewan, Saskatoon, Sask.  Faculty of Applied Science, University of British Columbia, Vancouver,	182 433 939 382 321 1,278 3,045 41 676 850 637	- - 1 1 8 3 4 2 2 6 - - 1 4 4 4	82 94 67 75 116 109 170 469 328 220 604 1,324 270 453 337	1 55 22 4 55 188 1 3 2 2 2 2
B.C.	1,080	3	536	4
7. Commerce—				
Dalhousie University, Halifax, N.S. St. Mary's College, Halifax, N.S. L'Ecole Supérieure de Commerce de Québec, Université Laval, Québec, Qué. Ecole des Hautes Études Commerciales. Montréal, Qué. School of Commerce, McGill University, Montreal, Que. Sir George Williams College, Montreal, Que. Université d'Ottawa, Ottawa, Ont. St. Patrick's College, Ottawa, Ont. Carleton College, Ottawa, Ont. University of Toronto, Toronto, Ont. School of Commerce and Administration, Queen's University, Kingston,	62 33 248 299 605 132 41 84 18 †	9 - 3 3 27 9 - 4 - †	8 39 205 295 181 72 26 49 15 †	3 - 1 2 24 24 2 - - 9 †
Ont. Department of Business Administration, University of Western Ontario, London, Ont. University of Manitoba, Winnipeg, Man. College of Commerce, University of Saskatchewan, Saskatoon, Sask University of Alberta, Edmonton, Alta. University of British Columbia, Vancouver, B.C.	58 183 210 156 464	5 23 36 14 45	48 27 18 114	15 38 13 47
8. Dentistry—				
Faculty of Dentistry, Dalhousie University, Halifax, N.S	27 76 201 353	- 1 7 -	28 53 164 215 48	1 1 8 3

Included in Applied Science and Engineering.
 The pre-specialized years only of the Engineering course,
 Included in Arts.
 Record not available.
 First two years of Engineering.

	that I was a second to the sec	19	46	19	45
		М.	F.	М.	F.
9. 1	Education—		-10	Not lett	0
	Acadia University, Wolfville, N.S.  Dalhousic University, Halifax, N.S.  Mount Saint Vincent College, Halifax, N.S.  Mount Saint Vincent College, Halifax, N.S.  Mt. Allison University, Sackville, N.B.  Ecole de pédagogie, Université Laval, Québec.  Bishop's University, Lennoxville, Que.  McGill University, Montréal, Qué.  Institut pédagogique, Université de Montréal, Qué.  Institut pédagogique St-Georges, Université de Montréal, Montréal, Qué.  Ontario College of Education, Toronto, Ont.  Faculty of Education, University of Manitoba, Winnipeg, Man.  College of Education, University of Saskatchewan, Saskatoon, Sask.  Faculty of Education, University of Alberta, Edunonton, Alta.  Department of Education, University of British Columbia, Vancouver, B.C.	7 4 - 37 1 5 - * 171 45 29 18	4 1 1 - 61 3 77 5 * 118 54 11 4	9 5 	4 1 - 51 3 3 10 * 167 14 15 2
10.	Fisheries—				
	Dalhousie University, Halifax, N.S Ecole des Pècheries, Ste-Anne-de-la-Pocatière, Qué	16	*	13	*
11.	Forestry—				
	Department of Applied Science, University of New Brunswick, Fredericton, N.B	268 72 183	1	50 64 64 54	1 - - ‡
12.	Home Economics and Dietetics—				
	Mount St. Vincent College, Halifax, N.S. Acadia University, Wolfville, N.S. St. Francis Xavior University, Antigonish, N.S. Mount Allison University, Sackville, N.B. Ecole Supérieure des Sciences domestiques de Saint-Pascal, Qué. Macdonald College, Macdonald College, Qué. Institut de Diététique et de Nutrition, Université de Montréal, Montréal, Qué. Ecole ménagère provinciale, 461 est, rue Sherbrooke, Montréal, Qué. Ontario Agricultural College, Guelph, Ont. Faculty of Household Science, University of Toronto, Toronto, Ont. University of Western Ontario, London, Ont. Faculty of Agriculture and Home Economics, University of Manitoba, Fort Garry, Man. School of Household Science, University of Saskatchewan, Saskatoon, Sask. School of Household Economics, University of Alberta, Edmonton, Alta. Department of Home Economics, University of British Columbia, Vancouver, B.C.		95 39 63 30 111 30 * - 7 91 337 141 115		19 82 20 55 21 102 26 *  16 7 282 139 97
13.	Journalism—				
	University of King's College, Halifax, N.S. St. Mary's College, Halifax, N.S. Mount Saint Vincent College, Halifax, N.S. Université de Montréal, Montréal, Qué Carleton College, Ottawa, Ont University of Western Ontario, London, Ont Mount Royal College, Calgary, Alta.	7 12 - 21 †	8 - 3 - 5 †	9	111111

<sup>\*</sup> Record not available.
† Included in Arts.
† Included in Faculty of Applied Science.

## HIGHER EDUCATION IN CANADA

	19	46	19	45
	М.	F.	М.	F.
14. Law—				
Faculty of Law, Dalhousie University, Halifax, N.S. Faculty of Law, University of New Brunswick, Fredericton, N.B. Faculté de Droit, Université Laval, Québec, Qué. Faculté de Droit, Université de Montréal, Montréal, Qué. Faculty of Law, McGill University, Montréal, Qué. Department of Law, University of Toronto, Toronto, Ont. Osgoode Hall Law School, Toronto, Ont. Manitoba Law School (Old Law Court Building), Winnipeg, Man. College of Law, University of Saskatchewan, Saskatoon, Sask. Faculty of Law University of Alberta, Edmonton, Alta. Faculty of Law University of British Columbia, Vancouver, B.C.	104 30 98 138 96 55 424 64 39 39 82	2 4 6 4 - 21 4 7 - 6	28 13 59 130 34 - 104 15 13 9	1 - 3 - 5 4 - 12 4 3
15. Library Science—				
Mount Saint Vincent College, Halifax, N.S.  Library School, McGill University, Montrale, Que.  Ecole de bibliothécaires, Université de Montréal, Montréal, Qué.  Library School, Ontario College of Education, Toronto, Ont.  Ecole de bibliothécaires, Université d'Ottawa, Ottawa, Ont.	8 7 1	1 20 14 38 4	6 38 1 2	1 16 32 22 8
16. Medicine				
Faculty of Medicine, Dalhousie, University, Halifax, N.S. Faculté de Médecine, Université Laval, Québec, Qué. Faculté de Médecine, Université de Montréal, Montréal, Qué. Faculty of Medicine, McGill University, Montréal, Qué. Faculty of Medicine University of Ottawa, Ottawa, Ont. Faculty of Medicine, Queen's University, Kingston, Ont. Faculty of Medicine, University of Toronto, Toronto, Ont. Faculty of Medicine, University of Western Ontario, London, Ont. Faculty of Medicine, University of Manitoba, Winnipeg, Man. School of Medicine, University of Manitoba, Winnipeg, Man. School of Medicine, University of Manitoba, Winnipeg, Man. Faculty of Medicine, University of Alberta, Edmonton, Alta.	162 458 368 332 28 231 752 238 219	5 11 7 28 3 12 109 15 22 9 14	159 425 342 289 - 259 598 183 262 44 146	5 12 13 33 33 - 14 99 21 30 5 18
17. Music (Degree Courses in Music)—				
Dalhousie University, Halifax, N.S. Acadia University, Wolfville, N.S. Mount St. Vincent College, Halifax, N.S. Mount Allison University, Sackville, N.B. Bishop's University, Lemoxville, Qué. Université Laval, Québec, Qué. Université de Montréal, Montréal, Qué McGill University, Montreal, Que. University of Toronto, Toronto, Ont. University of Saskatchewan, Saskatoon, Sask.	2 - - 2 - 11 32 4 *	8 8 8 25 55 114 3 *	1 - - 9 35 1 * 1	7 5 7 10 - 45 112 7 *
18. Nursing (Post-Graduate diploma and Degree Courses)—				
School of Nursing, Saint Francis Xavier University, Antigonish, N.S., School of Nursing, Mount Saint Vincent College, Halifax, N.S., School of Graduate Nurses, McGill University, Montreal, Que. Ecole d'Hygiène sociale appliquée, Université de Montréal, Montréal, Qué. Institut Marguerite d'Youville, Université de Montréal, Montréal, Qué. Université Laval, Québec, Qué. School of Nursing, University of Ottawa, Ottawa, Ont., School of Public Health Nursing, Queen's University, Kingston, Ont., School of Nursing, University of Toronto, Toronto, Ont., School of Nursing, McMaster University, Hamilton, Ont., Faculty of Public Health, University of Western Ontario, London, Ont., School of Nursing, University of Saskatchewan, Saskatoon, Sask, School of Nursing, University of Saskatchewan, Saskatoon, Sask, School of Nursing, University of Alberta, Edmonton, Alta, Department of Nursing and Health, University of British Columbia, Vancouver, B.G.	1	7 5 97 18 141 8 16 32 274 4 † 51 61 85		5 10 48 18 156 17 9 19 284 5 5 7 70

<sup>\*</sup> Record not available, ! Included in Arts.

	19	946	19	45
	M.	F.	M.	F.
19. Optometry—				
Ecole d'Optométrie, Université de Montréal, Montréal, Qué	54	4	32	2
20. Pharmacy—				
Maritime College of Pharmacy, Halifax, N.S. Ecole de Pharmacie, Université Laval, Québec, Qué Ecole de Pharmacie, Université de Montréal, Montréal, Qué. Ontario College of Pharmacy, Toronto, Ont. Pharmacy Department, University of Manitoba, Winnipeg, Man College of Pharmacy, University of Saskatchewan, Saskatoon, Sask. School of Pharmacy, University of Alberta, Edmonton, Alta.	18 47 146 144 28 82 43	14 6 4 76 10 51 29	9 37 120 72 13 12	12 4 43 5 22 23
Department of Pharmacy, University of British Columbia, Vancouver, B.C.	_	-		_
21. Physical Education— The School of Physical Education, McGill University, Montreal, Que	30	54	1	21
School of Physical and Health Education, University of Toronto, Toronto, Ont	104	124	22	75
School of Physical Education, University of Saskatchewan, Saskatoon, Sask	-	-	-	_
22. Secretariai Science—				
Acadia University, Wolfville, N.S	6	71 14	-	65 22
Mount Allison University, Sackville, N.B.	-	6 58	5	5
University of Western Ontario, London, Ont	_	90		_
23. Social Work—  Maritime School of Social Work, Halifax, N.S.  Ecole des Sciences sociales, Université Laval, Québec, Qué Ecole des Sciences sociales, Université de Montréal, Montréal, Qué.  McGill School of Social Work, 3480 University St., Montreal, Que. School of Social Work, University of Toronto, Toronto, Ont.  Department of Social Work, University of Manitoba, Winnipeg, Man. University of British Columbia, Vanconver, B.C.	3 15 10 1 12 4 14	11 22 12 48 54 18 53	1 4 4 6	13 1 * 30 48 26 46
24. Therapy, Occupational and Physiotherapy—				
Department of Extension, University of Toronto, Toronto, Ont	_	124 60	-	25 <del>4</del> 30
25. Veterinary Science—				
Ecole de Médecine vétérinaire, Oka, Qué	41 345	9	50 126	10
26. Theology—				
Baptist Church— Acadia University, Wolfville, N.S. McMaster University, Hamilton. Ont.	14 27	14	35	- 3
Church of England—				
King's College, Halifax, N.S. Bishop's University, Lennoxville, Que Diocesan Theological College, Montreal, Que. Trinity College, Toronto, Ont. Wycliffe College, Toronto, Ont. Church of England Training School, Toronto, Ont. Huron College, London, Ont.	10 9 13 23 36 -	2 7	18 6 1 11 30 - 25	6
St. John's College, Winnipeg, Man. Emmanuel College, Saskatoon, Sask.	11	-	10	-
St. Chad's College, Regina, Sask	7 21	-	6 20	-
LUTHERAN CHURCH-				
Waterloo College, Waterloo, Ont Lutheran College Seminary, Saskatoon, Sask	10	-	10 8	_
Luther Theological Sem. (Non), Saskatoon, Sask	19		12	_

	19	46	19	<b>4</b> 5
	M.	F.	М.	F.
Theology—Concluded				
Presbyterian Church— Presbyterian Theological College, Montreal, Que Knox College, Toronto, Ont	13 37	_	43	=
United Church of Canada— Pine Hill Divinity Hall, Halifax, N.S. United Theological College, Montreal, Que). Queen's Theological College, Kingston, Ont. Victoria University (Emmanuel College), Toronto, Ont. United Church Training School, Toronto, Ont. United College, Winnipeg, Man. St. Andrews College, Saskatoon, Sask St. Stephen's College, Edmonton, Alta. Union College of British Columbia, Vancouver, B.C.	33 22 7 79 - 20 43 16 19	1 - 4 38 4 1 1	29 14 8 93  23 39 16 16	7 23 1 3
Roman Catholic Church (Secular Clergy)— Moly Heart Seminary, Halifax, N.S. Université Laval (Grand Séminaire), Québec, Qué. Université de Montréal (Grand Séminaire), Montréal, Qué. Séminaire des Missions Etrangères, Pont-Viau, Qué. Grand Séminaire d'Ottawa, Ottawa, Ont. Séminaire Universitaire Saint-Paul, Ottawa, Ont. St. Augustine's Seminary, Toronto, Ont. Chinese Missions Seminary, Searhore Bluffs, Ont. St. Peter's Seminary, London, Ont. Grand Séminaire Mazenod, Gravelbourg, Sask.	90 262 298 * 132 182 180 * 139	11111111	88 240 298 * 161 180 180 * 148	
Grand Séminaire Saint-Joseph, Edmonton, Alberta.  ROMAN CATHOLIC CHURCH (CLERGY IN COMMUNITES)— Compagnie de Saint-Sulpice (Sulpiciens), Montréal, Canadian College at Rome, Italy. Congrégation du Très-Saint-Rédempteur (Rédemptoristes), Aylmer, Qué. Compagnie de Jésus (Jésuites), Montréal, Qué. Compagnie de Jésus (Jésuites), Montréal, Qué. Clercs de Saint-Vinteur, Joliette, Qué. Congrégation de Sainte-Croix, Montréal et St-Laurent. Ordres des Franciscains ou Frères-Mineurs (Franciscains), Montréal et Québec, Qué. Cistorciens de la Stricte Observance (Trappistes), Notre-Dame-du-Lac, Qué. Congrégation de Jésus et Marie (Eudistes), Charlesbourg, Qué. Ordre des Frères-Mineurs (Capucins), Pte-aux-Trembles, Qué. Congrégation du Très-Saint-Sacrement, Montréal, Qué. Scolasticat de philosophie (Oblats), Richelieu, Qué. Missionaires Oblats de Marie-Immaculée (Oblats), Ottawa, Ont. Missionary Oblates of Mary Immaculée (Oblates), Orleans, Ont. Company of Jesus (Jesuits), Toronto, Ont.	32   E 87   28   71	-   Sstimat 4995		1
Company of Josus (Jesuits), Toronto, Ont. Order of St. Basil (Basilian Fathers), Toronto, Ont Congregation of the Resurection, London, Ont. Ordres des Dominicains, Ottawa, Ont Congregation of the Very Holy Redeemer (Redemptorists), Woodstock, Ont Compagnie de Marie (Montfortains), Eastview, Ont Pères Blancs (Missionnaires d'Afrique), Eastview, Ont. Regina Cleri Seminary (Franciscans), Regina, Sask	71 50 139 60 47 14 50 6		62 59 148 62 31 28 43 7	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

<sup>\*</sup> Record not available.

¹ Combined with Knox College for duration of war.

3.—Full-Time Students of the Regular Session by Provinces and Faculties

								-	Undergraduates	duates							-		POS 900	grad	Post-graduates	Ö	Others
	<sup>E</sup> ataA	Pure Science	Agriculture	Architecture	Commerce	Education	Engineering an	Forestry	Household Beienee	well	M edicine	Music	Public Health and Mursing	Pharmacy.	Social Work	Theology	Science	Total (excl.	duplicates) Arts and Science	Other	latoT'	Pre- matriculation	faioT
1946	103	93	1.1	1 1	63.00		1 1	1 1		1 1	1 }	1 1	1.1	1.1	11	1 1	1 1	67 -	268	1 1	1 [	608	701
1946	920	341	145	1 1	215 140 2	29	19 4	738	117	106	167	26	225	15	114	149	1 7	30 2,1	388	35	35.5	480	642
1946	599	414	1 1	1 1	232	1 1	14 6	616 269 280 51	91.53	30	1 1	27	22	1 1	1 1	30		43 2,1 19 1,2	186	118	16	904	910
1946	6,850 1 5,663 1	1,658	388	39 1,	326 27 782 21	278 278 278	272 1,6	657 7 028 5	78 171 56 149	346	1,204	219	256	203	108 1,	095	50 1	256 16,4 122 13,0	448 97 075 80	974 151	1, 125	17,964	20,255
1946 9,151 1945 6,101	9, 151 6, 101	169	246	64 84	504 39 137 22	223	233 1,9	392 18 955 6	83 20 64 16	5 116	1,388	* *	391	220	522	826 3	354 1,1	189 20,7 436 12,2	715 993 290 385	3 206 5 29	1,199	4,920	5,162
1946	3,368	1 1	149	122	206	1 1	99 6	273	337	18	241	91	1 1	85 90 90 90	303	00 00 00 00	11	31 2,4	789	59	59	1,099	1,203
.1946 1,634 1945 788	1,634	1 1	312	1 (	363	1 1	44 1,0	456	147	3 16	449	200	57	163	1.1	92	1.1	- 4.0	787	7 12	19	208	1,038
1946	434	138	187	1 1	170 3	51 77	930 6	339	115	39	153	1 1	98	36	1 1	50	1 1	2 H	4730	66 35 74 20	101	396	998
British Columbia1946 4,364	1,939	: (	351	1-1	509	1.1	21 5	083	156	90 ;	1 1	. :	128	1 1	52	31	: 1	8,68	824 095	16 24	140	7 1	55
1946 27, 423		3,631 2	2,198	165 3,	3,367	753 1.5	.536 10,8	884 530	1,116	1,326	3,280	293	126	23000	277 2,	2,319 3	395 1,5	,563 62,5	599 2,356	225 9	2,778	27,440	30,962

Included in Arts by several universities, included in Engineering and Applied Science Holdings philosophy.

## HIGHER EDUCATION IN CANADA

# 4.—Part-Time and Short Course Students by Province and Grade of Work

	į	indergr	raduate	8	I	Post-gra	aduates	3		Otl	ers	
Province and Courses	19	46	19	45	19	46	19	45	19	46	19	45
	M.	W.	M.	W.	М.	W.	M.	W.	М.	W	М.	W.
Nova ScotiaT	679	661	195	303	29	22	19	10	921	572	2,029	764
Part-time Arts. Agriculture	1	1	-	2	17	15	2	4	16	28	10 8	13
Music	-	4	-	2	Ξ	-	-	-	20	51	18	51
TheologyOther	3	86	- 4	-	1		7	1	-1:	- 4	-	- 6
Summer School	112	117	77	106	11	7	10	5	4-	- 9	-	-
Other Short Courses	460 69	300	40	128 39	_	_		_	25	3	154	60
Correspondence Other Extramural	34	6 106	74	11 15	-	-	-	-	859	486	1,439 400	427 200
	-										200	
New Branswick T. Part-time Arts	225 5	186 12	228 5	211	6		2	3	55	151	_	
Agriculture	-		-	-		-	-	-	***	-	-	-
Music	1	5	-	5 -	_	-	-	_	-	_	-	_
Other	4	7 162	178	152	- 6	-	- 2	- 3	- 55	151	-	-
Summer School Other Short Courses	174	102	110	- 102	- 0	_	-	-	-	191	-	_
Evening Classes	41	20	43	33		-				_		
CorrespondenceOther Extramural	- 21	-	-	-	-		-		-	-	-	-
QuebecT.	1,202	1,815	879	1,016	35	31	183	253	5, 689	4,329	5,794	5,789
Part-time Arts	274	233	127	136	25	31	29	37	261	347	279	379
Agriculture	18	266	97	232	_	_	-	_	133	507	105	554
TheologyOther	32	702	114	570	-	**	- 1	22	315	475	8 164	521
Summer School	393	451	296	190	-	_		+	516	613	552	802
Other Short Courses	368	162	235	300 163	_	=	142	194	3,912	1.942	4,330	05a 2,546
Evening Classes Correspondence Other Extramural	-	- 102			1		2	-	218	16		12
Other Extramural	-			25	9	-	9	-	325	271	349	320
Ontario (excluding duplicates)T.		5, 701	5,694	4,949	265	85	195 151	71 66	6,695. 77	3,786 91	4, 572 88	3,035
Part-time Arts	389	386	694	889	182	83	101	- 00	-	-	- 50	78
Music Theology	42	51 50	11	12 26	-1	-		-	-	136	- 7	78
Other	3	91	62	101	B	2	15	-	140	88	11	84
Summer SchoolOther Short Courses	398	941 1,842	503	848 697	-		29	- 5	3,324	21 90	86 915	202
Evening Classes	1,279	1,119	767	865	-		-	-	1,886	3,116	423	-
Correspondence. Other Extramural.	1,044	900 321	1,362 866	814	76	-	-	_	1, 185	244	3,342	91 2,482
	445	252	195	215	37	36	39	9.	1,912	2,463	819	687
Maniloba (excluding duplicates)T. Part time Arts	440	202	17	24	- 31	-	22	9	-,014	-	-	-
Agriculture,	-		2.	-		-	3	-	500	1, 176	_	-
Theology	-		-	-	-	-		-	-	-	-	-
Other	426	234	49 75	37 107		_	14	-	_	-	41	36
Other Short Courses	19		- 1	15	***	-	-	-	468 944	54 1, 233	225 553	609
Evening Classes	19	18	51	32	-	_	_	_	223	1,200	900	-
Other Extramural	-	-	-	-		-	-	-	~	_	-	-
SaskatchewanT.	1,782	2,302	814	2,343	15	-	10	5	1,759	519 51	1,102	
Part-time Arts	739	106	20	6		_	6	4	12		_	_
Music	-	-	- 9	-	-	-	-	-	85	72	-	
TheologyOther	_	_	-		-	_	-	-	82	35	_	_
Summer SchoolOther Short Courses	676	1,311	374	1,306	-	-	-	_	1,500	354	1, 102	_
Evening Classes	55	289	29 73	168	-	-		-	-			-
CorrespondenceOther Extramural	279 32	595 1	270	759 11	15	-	_	_		-	_	~
		1,323	361	984	19	20			49	42	103	338
AlbertaT. Part-time Arts	531	1,323	14	984 16	19	-	_	_	-	92	18	62
Agriculture	4		2		-	-	-	_	-	-	- 85	272
Music Theology	6	-	_	_	-	-	***	-	-	-	-	
Other	54 433	222 1,078	43 283	110 787					49	42	-	4
Other Short Courses	18	18	19	71	-	-	- :	-		-	-	-
Evening Classes.	-4	-		_	19	20	-	_			_	
Other Extramural	×							_	-	679	10	

## DOMINION BUREAU OF STATISTICS

## 4.—Part-Time and Short Course Students by Province and Grade of Work—Concluded

Province and Courses	10	88		OBUNET	aduates	6		Ot	hers			
	1.5	946	19	945	194	16	19-	15	19	146	19	945
	M.	W.	M.	W.	М.	W.	M.	W.	M.	W.	M.	W.
tish Columbia	1,968	570	673	324	169	41	_	_	_	_	-	
Part-time Arts		-	-		-			-	-	-	-	-
Agriculture		-	-	-	-	-	-	-	-	-	-	-
Music		-	-	-	-	-	-	-	-	-	-	1
Theology		45	-	_		- 1	-	_	_	_	-	1
Other Summer School			612		159	39	-		_	~	-	1
Other Short Courses		490	012	212	108	28		_	-		-	
Evening Classes		30	9	20			-			-		
Correspondence		- 50	52	32	10	9	-	_		-	_	
Other Extramural		65	-	-	-			-		-		
Out Linux and		00	/	V	. 6	10	6	5	1	w		"
al Canada (excluding duplicates) T	14.435	12,830	9,039	10.945	575	235	448	351	17,080	11,862	14.719	10.6
Part time Arts			877	1.094	261	165	210	120				
Agriculture	. 27	1	15	~~	-		7	1	2		8	
Music	. 158		108		-	-		-	738	1,942		
Theology	. 10	50	11	27	2	-	-	-		-	15	
Other	. 96	1,153	274	818	6	2	37	23	538		175	
Summer School		4,724	2,398		176	46	41	13	783		679	
Other Short Courses			1,476		-	-	- 440	-	5,324	659		
Evening Classes	. 1,823		1,125		19	20	142	194				
CorrespondenceOther Extramural	1,402	1,521	1,852	1,681	111	2	2		2,262 325	746 271	1,862	3.0

## 5.—Summary of All Students Reported, Classified by Grade of Work

Province	Stude	A. ents of ersity ade						tal enrolm	
	Men	Women	Men	Women	Men	Women	Men	Women	Total
Prince Edward Island	221	78	331	277	17	1	569	356	925
	147	67	282	221	237	56	666	344	1,010
Nova Scotia	2,975	1,134	441	113	1,366	914	4,782	2,161	6, 943
	1,751	909	431	161	2,059	718	4,241	1,788	6, 029
New Brunswick	2,029 1,139	568 513	904 727	_	55 102	157	2,968 1,968	725 513	3,693 2,481
Quebec	15,605	4.729	12, 294	6, 808	5,850	7,838	33,749	19,373	53, 122
	11,878	4.016	10, 741	6, <b>4</b> 39	5,262	7,040	27,881	17,495	45, 376
Ontario	$21,965 \\ 14,225$	10,995 9,246	4,893 3,478	298 276	7,556 4,899	4,392 3,106	37,414 22,602	15, 685 12, 628	53,099 35,230
Manitoba	4,751	1,603	793	306	2, 016	2.463	7,560	4,372	11, 932
	1,992	1,264	837	132	820	697	3,649	2,093	5, 742
Saskatchewan	5,053	3,112	713	225	1,727	355	7,493	3,692	11, 185
	1,985	2,948	625	191	1,287	1	3,897	3,140	7, 037
Alberta1946	2,906	1,938	401	346	164	612	3,471	2,896	6,367
1945	1,365	1,432	323	195	99	332	1,787	1,959	3,746
British Columbia	7,603 2,707	2.176 1.530	-	_	51 4	4 -	7.654 2.711	2,180 1,530	9, 834 4, 241
Canada	66,108	26,333	20,770	8,373	18,802	16,734	105,680	51,440	157,120
	37,189	21,925	17,444	7,615	14,769	11,950	69,402	41,490	110,892

## 6 .- Summary of All Students Reported, Classified as Full-Time, Part-Time, Short Courses, etc.

Province		time lents	stude the r	time nts of egular sion	evening mura exte	course, g, extra l, and nsion lents		al enroln ling dupl	
	Men	Women	Men	Women	Men	Women	Men	Women	Total
Prince Edward Island	568 421	350 312	1 2	6 2	243	30	569 666	356 344	925 1,010
Nova Scotia	3,213	846	59	189	1,510	1,126	4,782	2, 161	6, 943
	1,991	710	49	86	2,201	992	4,241	1, 788	6, 029
New Brunswick	2,718	355	10	24	260	346	2,968	725	3,693
	1,738	289	7	36	223	188	1,968	513	2,481
Quebec	25,824	11, 181	1,089	2, 295	6, 836	5, 897	33.749	19,373	53, 122
	21,034	10, 288	925	2, 325	5, 922	4, 882	27,881	17,495	45, 376
Ontario	22, 411	5,558	884	1,025	14,119	9,102	37, 414	15,685	53,099
	11, 761	4,746	854	1,196	9,987	6,686	22, 602	12,628	35,230
Manitoba	5, 128	1.581	575	1,252	1,857	1,539	7,560	4,372	11, 932
	2, 596	1,198	107	70	946	825	3,649	2,093	5, 742
Saskatchewan	4, 111	984	825	141	2,557	2,567	7, 493	3,692	11,185
	1, 983	812	41	12	1,873	2,316	3, 897	3,140	7,037
Alberta1946	2,773	1,272	175	466	523	1,158	3,471	2,896	6,367
1945	1,330	652	157	450	300	857	1,787	1,959	3,746
British Columbia	5,466 2,038	1,547 1,206	61 16	67	2, 127 657	566 317	7,654 2,711	2, 180 1, 530	9, 834 4, 241
Canada1946	72,212	23,674 20,213	3,679	5,465	29,789	22,361	105,680	51,440	157,126
1945	44,892		2,158	4,184	22,352	17,093	69,402	41,490	110,892

## 7.—Summary of Degrees and Diplomas Granted

University	Diplon Certi	nas and ficate	Bache	lor³	Maste Licen	r and ce4	Doc (In Co	etor ourse)	Doc (Hono		Tot	al
Chiversity	М.	F.	М.	F.	M.	F.	М.	F.	M.	F,	М.	F.
Dalhousie-Kings (1)	24 24	10 5	67 93	36 28	13	5 3		-	6	-	110 126	5
Acadia	25 21	26 13	76 30	59 40	6	2 1	-	-	3		110 52	87 54
St. Françis Xavier	37 26	3	56 43	19 15	=	-			_	-	93 69	25
New Brunswick	_	-	49 49	16 16	2 2	2 2	-	-	2 4	1 1	53 55	11
Mount Allison	21 13	6 8	34 28	29 29	2	-			3		57 44	3:
Bishop's	- 2	- 3	25 15	7 7	3	1			4 6	_	32 24	1
McGill1946 1945	10	85 62	404 340	212 175	67 18	12	23 23	3	7 6	-	511 387	31:
Laval	50 170	195 139	699 645	84 51	94 72	4 5	11 12	4 5	12		866 907	28° 200
Montréal	212 213	122 114	673 664	151 201	220 185	20 40	17	-	20 17	-	1,142 1,086	29: 35
Toronto	61 33	407 318	1,285 861	476 450	175 65	31 25	36 23	3 5	12 14	2	1,569 996	91 <sup>-</sup> 79
Victoria <sup>3</sup> ,	25	-	18 10	_		-		-	6	-	49	-
Trinity <sup>2</sup>	6		6 3	_	-	_		41	3	-	15	-

## 7.—Summary of Degrees and Diplomas Granted—Concluded

	Diplom Certifi	as and cate	Bauhe	lar <sup>3</sup>	Maste Lice	r and	Doe (In 6	tor Course)	Doc (Ho	etor norary)	Tot	al
University	М.	F.	М.	F.	М.	F.	М.	F.	М.	F.	М,	F.
Western Ontario	24 4	48 40	245 160	113 92	12 36	1 4	_	an 	7 6	-	28S 206	162 136
Queen's1946 1945	=	1	252 226	99 77	17 10	4 3	=		8 8	444	277 244	104 81
Ottawa1946		_	206 180	36 34	63 38	4 2	5 13	2	9 4	1	283 235	43 37
McMaster1946 1945	1 3	1 3	125 72	79 55	6	_	-		6 5	-	138 86	80 58
Manitoba	35 20	67 49	290 202	207 163	12 6	5 3	_	_	3 5	1	340 233	280 215
Saskatchewan	-	-	294 163	135 38	19 9	3 1	-		5		318 172	138 39
Alberta1946 1945	60 11	95 91	288 208	132 105	28 18	2	-	-	3	1	379 237	230 196
British Columbia	44 16	63 61	460 277	234 148	37 17	3 2		-	5 10	- 1	546 320	300 212
Other Institutions1946	274 418	83 202	370 368	76 55	2 3	-	-	-	7 4	_	653 793	159 257
Canada1946 1945	9 <del>0</del> 9 978	1,212 1,109	5,922 4,637	2,200 1,779	778 496	99 106	92 78	12 11	128 110	6 4	7,829 6,299	3,529 3,004

All degrees except those in theology granted by Dalhousie.
 All degrees except those in theology entered under Toronto.
 Medical, dental and veterinary doctors included in "bachelor" column.
 The licence in the French language universities is the next degree in advance of bachelor, as the Master's degree is in the English.

## 8.--University-grade Students of the Regular Session Attending Outside Their Province of Residence

	Number of students														Total	Number	Students of full	
WALL TO THE	From P.E.I.	From N.S.	From N.B.	From Que.	From Ont.	From Man.	From Sask.	From Alta.	From B.C.	From Yukon and N.W.T.	From U.S.A.	From U.K.	From British West Indies	From New found- land	From Other Coun- tries	non-residents in each province	specified by provinces	time Univer- sity grade
In Prince Edward Island 1946 1945	-	1 -	12	10		-	-	-	=	_	2 -	-	_	-	=	15 12	310 206	29 20
Nova Scotia1946 1945	116 55		427 299	108 99	31 18	3 2	7 2	9 5	11 10	_	66 64	3 5	23 19	154 128	9 2	967 708	3,212 2,184	3,44 2,17
New Brunswick1946 1945	56 32	349 179		254 188	126 17	_	9 2	5 2	1	2	36 20	3 11	10	70 50	15 3	936 505	2,902 1,824	2,20 1,26
Quebec	158 32	146 79	246 210	-	863 358	98 52	76 32	75 54	147 100	1 4	454 541	30 22	175 189	34 35	207 220	2,710 1,928	18,355 16,617	17,57 13,96
Ontario1946 1945	28 10	127 72	119 64	614 439	-	261 118	500 196	219 121	322 201	1	431 267	48 30	47 46	39 16	162 96	2,918 1,676	21,118 12,983	21,91 12,70
Manitoba1946 1945		1	1 1	2 3	96 42	=	351 206	57 29	79 67	-	17 8	3 4	5 3	2	3	618 365	5, 485 2, 399	5,48 2,80
Saskatchewan 1946 1945		1 _	-	6 5	32 11	42 30		65 24	37 13	=	7 3	1 2	_	-	1 2	193 90	3,414 1,789	4,04 1,80
Alberta1946 1945		18	4 1	15 2	66 7	103	306 91		111 84	-	74 6	74	1 -	600 610	104	885 199	3,381 1,233	3,43 1,57
British Columbia1946 1945		8 -	14	12 5	49 11	45 9	137 32	208 60	44	6	29 8	5 2	2 -	3 6	5 1	525 135	7,027 3,208	7,00 3,23
Canada1946 1945		651 331	823 576	1,011 751	1,263 465	552 219	1,386 561	638 295	708 475	10 5	1,116	167 76	263 258	3 <b>02</b> 235	506 321	9,767 5,617	65,704 42,433	65,39 39,72

Note.—Some of the institutions providing information for this table reported more than their students of university grade in the full session.

9.—Teaching Staffs

_	Arts, Letters and Pure Science					Profess Facu			]	Pre-matr	iculation				ching staff duplicates)	
	Full time		Part time		Full time		Part time		Fuil time		Part time		Full time		Part time	
	M.	F.	M.	F,	M, )	F.	М.	F.	М.	F.	М.	F,	M.	F.	М.	F.
Prince Edward Island	18 19	5	3 -	-	1	2 3	= =	-	15 19	11 8	5	i 3	28 30	14 11	7	
Nova Scotia	108 108	17 19	17 16	5 6	66 60	14 19	168 121	11 21	24 21	6	5 8	1 1	186 180	46 44	165 140	2:
New Brunswick	80 64	16 16	8 7	3	57 21	17 7	20_	6	52 50	-	39 22	-	123 131	33 16	75 29	-
Quebec	952 696	157 144	316 48	39 11	1,293 675	114 72	953 768	111 80	616 647	552 341	88 43	13	2,589 1,907	733 553	1,323 847	15° 9:
Ontario	578 527	115 127	369 253	54 53	688 606	39 81	653 543	52 56	165 194	31 28	37 43	- 5	1,364 1,197	168 210	1,032 797	9:
Manitoba	144 98	20 13	18 14	11 12	52 48	25 16	157 152	19 21	31 25	8 5	6 10	6 1	211 164	42 32	173 170	3
Saskatchewan	72 83	9 13	11 8	1 _	118 162	17 44	19 23	5 7	42 43	9	14 10	4	186 231	27 57	44 45	
Alberta	68 47	3	38 14	17 10	74 115	12 20	97 91	18 9	15 15	4 7	11 14	4 4	155 135	19 28	141 108	3:
British Columbia	88 86	16 20	101	1 1	55 74	1 4	157	- 1	_	-	_	-	143 125	17 23	258 10	
Canada	2,108 1,728	358 356	881 367	128 96	2,404 1,662	241 266	2,224 1,701	216 201	960 1,014	621 460	205 151	25 27	4,985 4,100	1,099 974	3,218 2,147	35 28

<sup>&</sup>lt;sup>1</sup> Division of full time and part time estimated in Université de Montréal and University of Toronto,

10 .- Salary Classification of Full-Time Teaching Staff in Canadain Universities, 1946

	Deans			Professors			Associate Professors			Assistant Professors			Instruct	ors and I	ecturers	Total		
Salary Range	Western Provinces		Maritime Provinces			Maritime Provinces	Western Provinces	Central Canada	Maritime Provinces									
\$																		
5,000 and more	18	23	3	47	172	8	-	2	_	_	5	-	-	I	_	65	203	11
4,500—4,999	5	3	-	39	79	910	-	9	2	-	6	_	1	2	_	45	99	2
4,000-4,499	2	1	1	73	31	-	7	70	_	-	10	-	-	11	-	82	123	1
3,500—3,999	_	_	6	13	26	9	90	72	5	4	28	-	-	10	-	107	136	20
3,000-3,499	1	1	7	1	13	32	50	29	13	51	78	2	2	19	-	105	140	54
2,500-2,999	-	-	-	-	4	16	-	13	4	62	81	6	28	43	2	90	141	28
2,000-2,499	1	1	1	-	3	-	1	2	-	6	14	17	48	126	14	56	146	32
1,500—1,999	-	1	-		5	1	-	1	-	-	2	4	32	88	19	32	97	24
1,000-1,499	-	4	-	-	-	2	F1_	3	-	-	1	_	3	42	14	3	50	16
Under 1,000	-	1	1	-	7	15	-	5	5	-	26	-	1	39	12	1	78	33

Note.—The above table covers the salary distribution as reported by the four Western Provincial Universities; the University of Toronto, Western Ontario, McMaster, Queens, Victoria Trinity, McGill and Bishops; Acadia, Dalhousie, St. Francis Xavier, Mount Allison and University of New Brunswick.

Name and Address	Librarian	Volumes	Linear Feet of Shelving	Loans Charged	Persons Charged with Loans	Seats in Library
Prince Edward Island— Prince of Wales College, Charlottetown St. Dunstan's University.		4, 451 7, 702	525 860	3,689 2,450	201	5 2
No. n. at						
Nova Scotia— Mount Saint Bernard College, Antigonish	. Sr. St. Mary of Calvary	4,097	475			5
Saint Francis Xavier University, Antigonish	Sr. Regina Clare	30,000	4.360	*	*	4
Collège Sainte-Anne, Church Point	R. P. M. Haché	8,000	1,040	1,700	200	2
Dalhousie University, Halifax		69, 795	10,850	*		18
Dental library, Halifax.  Medical library, Halifax.	Mrs. Margaret G. Cornell	1,713	3071	3,537	*	8
		15,000 15,000	2,880	-		
Law library, Halifax	R P Legarb LaGraslav	10,500	1.100			2
Maritime College of Pharmacy, Halifax	Beatrix V. Stimpson	320	40	*		
Mount Saint Vincent College, Halifax		26, 240	2,342	1.438	*	4
Nova Scotia Technical College, Halifax	. Evelyn M. Campbell	10,000	2,500			1
Pine Hill Divinity Hall, Halifax		27,200	3,111	1,594	171	2
Saint-Mary's College, Halifax		7,000	1,000	0 0/41	1 150	7
University of King's College, Halifax Nova Scotia Agriculture College, Truro,		29,796 4,800	3,722 440	2,900 1,432	1,450	6
Acadia University, Wolfville.	Maurice P. Boone	87,000	12,000	14, 477	*	10
Non-Parametel						
New Brunswick— Université du Sacré-Cœur, Bathurst,	R. P. G. A. Chauret	10,000	1,250			
University of New Brunswick, Fredericton.	Mrs Mariorie J. Thompson	30,000	4.534	5,477		15
St. Thomas College, Chatham		4,500	700	*		2
St. Thomas College, Chatham	. Mary D. Falconer	53,725	6,000	16,894		15
Université Saint-Joseph, Saint-Joseph	R. P. René Baudry	15,000	1,900	*	*	
Quebec Province—						
Studendat Mont-Saint-Joseph, Aylmer	. R. P. Louis Routhier	15, 280	1,940	18,500	95	1
Ecole Apostolique du Sacré-Cœur, Beauport	R, P. Albert Lefebvre	5, 232	650		*	*
Monastère P.P. Rénédictins, St-Benoît-du-lac (Bolton Centre)	R. P. L. B. Ward	5,100 6,000	650 750	1.000	25	7
Séminaire de Chicoutimi, Chicoutimi.	R. P. Maurice Vehilette	50,000	5,200	7,000	650	1
Séminaire de Gaspé Gaspé	. It. I , Dogis-vosepii Adoin	F2, 100	1,500	#,000	* 000	
Séminaire de Gaspé, Gaspé. Séminaire des Pères Eudistes, Gros Pin.	R. P. Joseph LeBlanc	7,800	725		*	
Séminaire de Joliette, Joliette	. L'Abbé Marcel Sylvestre	50,000		10,000	500	2
Collège de l'Assomption, l'Assomption		18,900	2,355	*	350	
Institut Agricole d'Oka et Ecole de Médecine Vétérinaire, La Trappe	R. P. M. Hilaire	18,976	2,372	3,364	220	
Bishop's University, Lennoxville. Collège de Lévis	Constance Oakley	20,000 33,000	1,670 4,000	3,100	200 300	
Collège Saint-Alexandre, Limbour Via Hull	R P Marcal Delista		850	3,000	* 300	
Macdonald College, Macdonald College	. Ernest Henry Mutton	34, 496	4,450	10,590		
Juvénat Saint-Bernard, Mistassini	M. l'Abbé Gaëtan	3,000	350	*		
Séminaire Saint-Joseph, Mont-Laurier	R. P. Louis Forget	9,000	1,200		30	2
Collège André-Grasset, Montréal	. R. P. J. A. Roy	5,000	590	2,700	300	1
Collège Jean-de-Brébeuf, Montréal	R. F. A. Delisle	25,000	2,250	15,000	600	
Collège de Montréal, Montréal. Collège Marguerite-Bourgeoys, Montréal.	Sr. Sto Sephronia	26,000 26,198	3,920 2,860	2,680	30 313	
Collège de Saint-Ignace, Montréal			1,800	37,000	320	1 2

HIGHER EDUCATION IN CANADA

## 11.-University and College Libraires, 1945-Continued

Name and Address	Librarian	Volumes	Linear Feet of Shelving	Loans Charged	Persons Charged with Loans	Seats in Library
sebec Province—Con.				110	1 12	
C-113-a Cointo Maria Montréal		100,000	12,000	10,000	1,000	20
Content Saint Danayantura Montréal	R P Jogues Masse	15,000	1,204	1,500	30	*
Divinity Hall Montréal	Barbara McDonald	18,110	2,500	1,757	160	4.8
Earle des Hautes Etudes Commerciales Montréa	Francois Vezina	48,094	8,900	66,650	*	88
Earla Dalutachnique Montréel	Joseph Leduc	40,000	4,250	7,200	350	100
Externat Classique Sainte Craix Montres	R. P. Roméo Boileau	4,250	600	6,297	290	
Institut Namenth Montroal	Sr. K. de Lima Petit	7,800	500	6,000	250	
Y avola Calloga Montreel	Frederick W. Noll	21,527	2,700	*		
MaCill University Montreel	Rierbard Lomer (Ph.D.)	368,436	44,129	155, 154	131,235	236
Madical Library Montreal	Edith R. Gordon	67,420	12,000	20,116	20,875	80
Monastère des Franciscains Montréal	R. P. Osias Vandandaigue	22,000	2,000	1,200	65	12
Montreel Diocesan Theological College Montreal	Rev. Cvril H. Powies,	12,620	2,337	363	83	64
Mantagal Prochatorion Theological College(3) Montreal		_	**			
McGill School of Social Work, Montreal	Mrs. Phebe G. Pratt	2,800	406	3,993	136	2
Collectiont de l'Impropulée Conception Montreel	IR P Gerard Houle	86,500	21,320			2
Scolasticat du Très Saint-Sacrement, Montréal.	R. P. Moïse Roy	25,300	2,450	4,800	98	2
Séminaire de Philosophie, Montréal	R. P. Emile Frechette	18,550	2,080	1,800	170	6
Sir George Williams College, Montreal	Margaret F. Broadhurst	12,514	4,281	33,932	1,725	10
United Theological College (2), Montreal				0.000	* 000	-
Université de Montréal, Montréal	Raymond Tanglie	100,000	15, 500	9,000	5,000	13
Faculté de Droit	Maximilien Caron	5,500	700			3
Faculté des Sciences (Institut Botanique)	Carmen Rinfret	15,000	2,970	40.000	070	3
Faculté de Théologie	***	29,500	3,540	12,000	370	2
Séminaire de Nicolet, Nicolet	Chanoine Robert Charland (Supérieur)	32,000	4,495	500	50	1
Juniorat Montfortain, Papineauville	R. P. Germain Vincent	6,110	664	590	114	1
Monastère des Pères Capucins, Pointe-aux-Trembles	R. P. Alfred	14,000	1,000			
Séminaire des Missions-Etrangères, Pont-Viau	R. P. Bernard Desroches	13,500	1,181	P #00	7	
Acudémie de Québec	Frère Samuel	20,500	2,550	8,500	675	3
Collège Jésus-Marie de Sillery, Québec	Mère Marie-des-Anges	10,900	1,800	18,000	200	_ 4
Collège des Jésuites (Saint-Charles Garnier), Québec	Théophile Hudon	23,000	3,000	4 500	7 10	
Monastère des Pères Capucins, Québec	R. P. Hubert	10,000	1,392	1,500	19	
Séminaire Franciscain, Québec	R. P. Elphège Desrosiers	71,900	9,000	555	100	2
		050 000	00 400	10 000	500	7
Bibliothèque générale	L'Abbé Albert Aubert	258,003	23,400	12,550	738	
Facultées de l'Université (10). Collège Bourget, Rigaud		60,067			FOO	
Collège Bourget, Rigaud	R. P. J. T. Donat Fortier	32,500	4,000		586	
Grand Saminaire Rimouski		3,000	350	4 000	100	T .
Petit Séminnire, Rimouski	R. P. Alphonse Fortin	33,200	2,550	4,000	120	* 2
Séminaire Saint-Alphonse, Sainte-Anne-de-Beaupré	R. P. Adrien Gremer	11,650	1,500	4 500	enn	
Callibra de Suinte Anne Sainte Anne de la Posstière	R. P. Charles Bourgue	59,074	7,000	4,500	600	
Earle Sun Spinner d'Ammigulture Mainte Anna de la Possitière	II. Abbe Louis-Philippe Garon	9,500	3,200	4,685	95	1000
Samingire de Saint-Hyacinthe Saint-Hyacinthe	R. P. Louis-N. Raymond	48,500	6,000	0.045	0.15	
Collège de Saint-Laurent, Ville St-Laurent	R. P. Albert Crevier	40,250	2,450	2,845	245	
Séminaire Sainte-Croix, Ville St-Laurent Institut Chunoine-Beaudet, St-Pascal	Léon Brischois	2,900	360	4,354	131	
		2,758	416			

Séminaire du Sacré Cour. St-Victor (Beauce Co.)	R. P. JN. Gagné	12,702	1,800 1	2.974 1	218 :	
Maison Saint-Joseph, Sault-au-Récollet (Montréal)	R. P. Georges Robitaille	34,883	4,478	4,000	115	
Monastère des Rédemptoristes, Sherbrooke	R. P. Théodose E. Roy	10,364	210	3,000	35	3
Séminaire Saint-Charles-Borromée, Sherbrooke.	R. P. JHermini Dubuc	26,579	3,000	I. 282	153	6
Juvénat des Pères Maristes, Sillery	John-Joseph Thoral	6,032	750			
Collège Missionnaire Franciscain, Sorel	R. P. Zénon Roberge	1.260	102			
Juvénat du Très Saint-Sacrement, Terrebonne	R. P. Jacques Thibodeau	12,000	1,350		100	_
Collège Séraphique, Trois-Rivières	R. P. Herménégilde Langevin	9,000	700		118	
Séminaire Saint-Joseph, Trois-Rivières	R. P. J. G. Turcotte	19.900	2,450		. 330	
Séminaire de Valleyfield, Valleyfield	Changine E Aubin	13,500	1,300	920	200	
Scolasticat Notre-Dame, Ville Richelieu	R D Claract Corning	14,000	1.180	6,000	150	20
Scolasticat du Sacré-Cœur, Waterloo	R P Joseph Bálangar	1,501	210	0,000	0 100	. 20
	16. I . 40ocpii Detailgel	1,001	210			
Ontario-						
Scolasticat de la Cie de Marie, Eastview.	R. F. Maurice Burque	12,600	1,155			
Scolasticat des Pères Blancs, Eastview	R. P. Auguste St. Pierre	5,000	450	*		
Ontario Agricultural College, Guelph	Florence G. Partridge	46,983	11,000	9,266		125
McMaster University, Hamilton	John Wheelock Spurr	58.705		42.609		120
Queen's University, Kingston.	E. C. Kyte	211.357	34.130	66.245	1.434	260
Regiopolis College, Kingston.	Rev. J. G. Lonergan	10,300	760	100	215	40
St. Jeromes College, Kitchener	Rev. Father M. I. Kaiffer	9,100	600	1,400	305	36
Huron College, London		8,000		., .,		
St. Peter's Seminary, London	Rev. A. J. Durand	8,145	1.490			4.5
University of Western Ontario, London.	Frail Landon	168.871	24.071	53,120		440
Ursuline College, Brescia Hall, London.	Par Wother W Bool	9,500	850	2,000	200	24
Mount Carmel College, Niagura Falls.	Par Padatal Danile	15,000	* 000	2,000	200	. 62
Curlaton Callago (1) Ottown	recy. registration results	10,000				
Carleton College (4), Ottawa. Collège Dominicain, Ottawa.	13 115 4 1-1 31 35	22.900	2,300	7 500	100	
Grand Séminaire d'Ottawa, Ottawa.	D. D. I C. C. L.			7,500	W 10 10	15
Potit Certification of Ottown Ostowa	I All Chala Associa Design	5,350	560	1,200	40	12
Petit Sémimire d'Ottawa, Ottawa	L Abbe Charles-Auguste Demers	1,600	1 010	10 100	MAG	
St. Patrick's College, Ottawa	RPV. P. P. Spratt	17,800	1,212	12.162	576	50
Université d'Ottawa, Ottawa	R. F. Auguste-M. Morisset	138,000	7,200			
Séminaire Universitaire, Ottawa	R. P. Jenn-Léon Alli					•
Holy Rosary Scholasticate R. R. I, Ottawa	Rev. Allan MacInnes	6,000	780	400	36	36
Scolasticat Saint-Joseph, Ottawa-Est	R. P. Gaston Carrière	33,000	6,000	*	200	45
Scolasticat des R.R. PP. Servites de Marie, Ottawa	R. P. Stanislas Carrière					
Collège Séraphique, Ottawa	R. P. Etienne			*	*	
Juniorat du Šucrè-Cœur, Ottawa.	R. P. Félix Massie (Supérieur),					
Alma College, St. Thomas	Arlene Acton	2.500	250			
Collège du Sacré-Cour, Sudbury	R. P. A. Coté	8,000	917			
Knox College, Toronto.	Wm. H. Sandham	38, 405	7.170	7,850		48
Ontario College of Education, Toronto	Dorothy A. Thompson	21,200	2,000	13, 852	600	125
Department of Educational Research, Toronto	Enthleen M. Hobday	3,565	293	650	65	4
Ontario College of Pharmacy, Toronto	(Miss) H. W. Walton	3.098	425	1.821	217	16
Osgoode Hall Law School, Toronto	Georgina M. Broad	7,136	1.094	1.474	116	72
St. Augustine Seminary, Toronto.	R F W R Kore	14,850	1,900	75	. 110	6
St. Michael's College, Toronto.	Ray R I Scolland	23,000	0 000	. 10		28
Pontifical Institute of Mediaeval Studies, Toronto	Por B I Scollard	14,500	1.750			45
Trinity College, Toronto.	S M Adams	41.886	5.053	6.780		80
University of Toronto, Toronto	W Stationt Wallage	450.000				
Faculty of Dentistry, Toronto.	De 1 H Johanna	5,300	75,000	260,000		500
Salvad of Hymnos Townsto	Let. 9. 11. SOMMSON			9,345		35
School of Hygiene, Toronto	Table TV D Line	4,521	1,350	3,317		19
Victoria University, Toronto	John D. Robins	104,000	16,750	94.212		260
Wycliffe College, Toronto	nev. Unnon J. W. McDonald	10,400	500			40
Waterloo College and Evangelical Lutheran Seminary of Canada, Waterloo	Enzabeth Christiansen	11,414	1,500	2,109	212	18
Assumption College, Windsor		8,073	1,200	3,000	212	35
St. Alphonsus Seminary, Woodstock	Hev. John Harrington	5,800	948	1,200	60 ;	12

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Name and Address	Librarian	Volumes	Linear Feet of Shelving	Loans Charged	Persons Charged with Loans	Seats in Library
Manitoba— Brandon College, Brandon Collège de St. Boniface, St. Boniface. Manitoba Law School, Winnipeg. St. Johns College, Winnipeg. United College, Winnipeg. University of Manitoba, Winnipeg. Medical Library, Winnipeg.	Joseph Sabourin Thomas R. Ashby Mrs. E. R. Bagley E. M. Graham Elizabeth Dafoe	11, 100 15, 550 3, 750 7, 000 65, 000 109, 250 14, 514	900 1,780 624 1,500 6,450 17,476	10,000 324 743 33,633 102,933 7,266	200 324 1,180 522	30 25 18 18 168 463 44
Saskatchewan— Collège Mathieu, Gravelbourg. St. Peter's College, Muenster. Campion College, Regina. Luther College, Regina. Regina College, Regina. Sacred Heart College, Regina. St. Chad's College, Regina. Emmanuel College, Regina. Lutheran College, Saskatoon. Lutheran College and Seminary, Saskatoon. St. Andrew's College, Saskatoon. University of Saskatchewan, Saskatoon.	Rev. Florian Renneberg Rev. W. L. Savoie. Emilie Walter. Emma Bell. Sister Mary Cecil. Rev. S. C. Steer. C. Kleiner. Rev. J. B. Corston.	5, 200 10, 700 3, 000 4, 500 * 900 2, 000 7, 054 9, 500 8, 100 91, 400	1,095 500 1,000 820 10,566	2,800 500 842 500 37,463	* 125 * 80 * 30 * 50	18 40 45 4 10 10 10 260
Alberta— Mount Royal College, Calgary. Canadian Union College, College Heights. Concordia College, Edmonton. Juniorat St. Jean, Edmonton. St. Stephen's College, Edmonton. St. Anthony's College, North Edmonton. University of Alberta, Edmonton.	Claude H. Casey Arnold Guebert. R. P. Jean Bélanger	2,581 5,950 5,907 28,000 10,200 5,000 108,138	1,055 740 880 1,200	10,000 1,200 10,000 1,050 25,000	535 80 200 200	14 76 14 4 20 10 280
British Columbia— Anglican Theological College, Vancouver. Union College, Vancouver. University of British Columbia, Vancouver. Victoria College, Victoria.	Wm. Kaye Lamb	7,605 13,000 160,000 6,000	2,800 * 26,000 750	92,470	*	425 85

# SECTION III

RETROSPECTIVE TABLES, 1920-46

### DOMINION BUREAU OF STATISTICS

12.-Enrolment of Full-Time Undergraduate Students of the Regular Session by Faculties

	1921	1926	1931	1936	1941	1945	1946
Arts,	Science, I	etters and	Philosophy	7.			
Canada T. M. F.	9,072 6,405 2,667	13,369 9,265 4,104	16,828 11,473 5,355	17,771 12,536 5,235	17,634 12,300 5,334	19,690 12,795 6,895	31,05 22,97 8,08
Maritime Provinces	1,187 843 344	1,451 969 482	1,811 1,202 609	1,750 1,228 522	1.711 1,221 490	1,867 1,337 530	2,84 2,16 67
Quebec T. M. F.	2,688 2,488 200	4,086 3,693 393	4,704 4,214 490	5,566 4,866 700	5,959 4,950 1,009	6,835 4,589 1,346	8,50 6,89 1,61
OntarioT. M. F.	3,014 1,804 1,210	4,086 2,461 1,625	5,387 3,159 2,228	5,801 3,549 2,252	5,408 3,284 2,124	6, 152 3, 093 3, 059	9,32 6,04 3,27
Western Provinces	2,183 1,270 913	3,746 2,142 1,604	4,926 2,898 2,028	4,654 2,893 1,761	4,556 2,845 1,711	4,836 2,876 1,960	10,38 7,86 2,52
p=1	Agricultur	e—Degree	Course				
Canada T. M. F.	856 845 11	599 582 17	899 889 10	1,108 1,088 20	1,373 1,347 26	892 840 52	2,19 2,11 8
Maritime ProvincesT. M. F.	60 60 -	12 11 1	32 31 1	31 31 -	41 38 3	41 40 1	14 14
Quebec	196 193 3	137 133 4	322 321 1	273 271 2	310 308 2	301 294 7	38
Ontario	363 360 3	228 223 5	273 269 4	496 489 7	479 476 3	246 237 9	66
Western ProvincesT. M. F.	237 242 5	222 215 7	272 268 4	308 297 11	543 525 18	304 269 35	99
	Agricultur	e—Diploma	Course				
Canada T. M. M. F.	415 415	404 404	370 370	385 384 1	389 383 6	331 327 4	65
Maritime Provinces	33	55	20	24	19	12	
QuebecT. M. F.	98 98 -	146 146	145 145	202 202	145 143 2	109 107 2	16
OntarioT. M. F.	126 126	79 79	118 118 -	96 96 -	94 90 4	-	
Western Provinces T. M. F.	158 158 -	124 124	87 87	63 62 1	138 138	210 208 2	31 31
	A	rchitecture	1				
Canada'	49 48 1	95 95	137 136 1	133 116 17	146 136 10	119 101 18	12 17
QuebecT. M. F.	39 39 -	75 75	89 89 -	84 84 -	121 115 6	79 64 15	
Western ProvincesT. M. F.	10 9 1	20 20 -	48 47 1	49 32 17	25 21 4	40 37 3	1:

Figures have been revised since publication of last survey.
 Architecture in University of Toronto is included in "Engineering."

12.—Enrolment of Full-Time Undergraduate Students of the Regular Session by Faculties —Continued

	1921	1926	1931	1936	1941	1945	1946
	Cc	mmerce					
anada <sup>2</sup>	361	580 533 47	883 757 126	786 684 102	1,190 1,015 175	1,431 1,150 281	3,36 3,86 29
Maritime Provinces	8 6 2	34 31 3	108 70 38	89 57 32	164 84 80	181 67 114	28 17 11
Quebec		326 312 14	416 393 23	408 387 21	467 448 19	782 753 29	1,320 1,280 41
Ontario <sup>2</sup> T M	29 29	134 116 18	222 194 28	140 126 14	183 165 18	137 122 15	50 47 2
Western Provinces <sup>2</sup> T		86 74 12	137 100 37	149 114 35	376 318 58	331 208 123	1,24 1,13
	D	entistry	1/4				
anada T M F	1,253	604 594 19	380 375 5	422 419 3	168 162 6	521 508 13	75 74
Maritime ProvincesT		20 20 -	27 27	53 53	31 31 -	29 28 1	2 2 -
Quebec T	. 290	214 213 1	101 100 L	125 124 1	160 158 2	218 217 1	27 27
Ontario	. 873	334 326 8	220 216 4	196 194 2	225 222 3	223 215 8	39 38
Western Provinces	. 38	36 35 1	32 32	48 48	52 51 1	51 48 3	5
	Е	ducation					
anada T M F	. 68	337 134 203	618 247 371	802 407 395	677 297 388	692 267 425	1,19 62 56
Maritime Provinces* T	-	-	-	18 9 9	21 3 18	19 14 5	5 2 3
Quebec³T M F	. 17	17 17	92 52 40	198 108 90	162 85 77	272 129 143	27 12 14
Ontario	. 51	263 95 168	382 144 238	364 176 188	256 98 158	233 66 167	28 17 11
Western Provinces <sup>4</sup>		57 22 35	144 51 93	222 114 108	238 111 127	168 58 110	57 31 26

<sup>&</sup>lt;sup>2</sup> The Business Administration course of the University of Western Ontario and the Commerce courses of the University of Toronto are included in the Faculty of Arts. The Accountancy course of the University of Saskatchewan is here included and degree courses in Secretarial Science.

<sup>&</sup>lt;sup>3</sup> Students in the Maritime universities preparing for teaching certificates are reported as Arts students until 1935; similarly at McGill University until 1933.

<sup>&</sup>lt;sup>4</sup> The training of teachers in the University of Alberta was reorganized in 1946 to include all teacher-training classes of the Province within the Faculty of Education of the University.

12.-Enrolment of Full-Time Undergraduate Students of the Regular Session by Faculties

-	1921	1926	1931	1936	1941	1945	1946
	Engineer	ing and Ap	plied Science	e			
Canada	2,854 2,851 3	2,038 2,035 3	3,554 3,548 6	3,387 3,376 11	4,381 4,368 13	5,302 5,260 42	10,88 10,88
Maritime Provinces	309 309	218 218	429 429	373 367 6	418 418	715 713 2	1,3! 1,3!
Quebec	763 763	427 427	523 523	542 542	799 798	1,028 1,019 9	1,6 1,6
Ontario	1,365 1,364	863 860 3	1,506 1,502 4	1,438 1,434 4	1,708 1,698 10	1,955 1,932 23	4,3
Western Provinces	417 415 2	530 530	1,096 1,094 2	1,034 1,033	1,456 1,454 2	1,604 1,596 8	3,4
	F	orestry					
Canada T. M. F.	103 103	90 90	136 136	98	173 173	171 170 1	5: 5:
Maritime Provinces	32 32	24 24	49 49	17 17	64 64	51 50 1	20
Quebec	18	22	25	44	67	56	
Ontario	53	44	62	37	42	64	1
British Columbia	tt	††	††	tt	tt	tt	
	Household	Science-I	Degree Cour	тве			
anadaF.	100	197	639	688	790	955	1,1
Maritime ProvincesF.	-	5	90	114	143	154	1
QuebecF.	-	6	27	93	81	149	1
OntarioF.	-	57	230	51	46	16	
Western ProvincesF.	100 [	- 129	292	430	520	636	7
H	ousehold	Science—D	iploma Cou	irse			
anadaF.	342	824	928	729	634	516	5
Maritime ProvincesF.	-	-	18	46	34	23	
QuebecF.	122	386	378	232	446	493	5
OntarioF. Western ProvincesF.	169	408	515	202	154	_	
Western Frovinces	01	Law	18				
71	1 117	1	GAE	1 005	607	433	1,2
anada T. M. F.	1,117 1,076 41	857 836 21	845 816 29	1,005 982 23	697 678 19	404 29	1,1
Maritime Provinces	119 117 2	60 56 4	66 63 3	115 113 2	60	42 41 1	13
QuebecT.	331 325 6	306 303 3	392 387 5	337 333 4	243 241 2	232 223 9	3:
Ontario	436 420 16	350 338 12	249 238 11	391 380 11	252 243 9	116 104 12	56
Western Provinces	231 214 17	141 139 2	138 128 10	162 156 6	142 134 8	43 36 7	24

<sup>††</sup>Included in Engineering and Applied Science.
\*Information not available.

12.—Enrolment of Full-Time Undergraduate Students of the Regular Session by Faculties
—Continued

	1921	1926	1931	1936	1941	1945	1946
	Libr	arianship <sup>7</sup>					
CanadaT M E.		-	42 3 39	67 4 63	52 6 46	46 7 39	6
Maritime ProvincesT.	_	_	- 09	- 00	40	1	0
M. F.	-	-	-	-	-	1	-
Quebec. T.	-	-	14	20	15	22 6	2
F.	-	-	11	16	14	16	2
Ontario	-	-	28	47	37 5 32	23 1 22	3
a Branch Branch	М	edicine					
Canada	3,256 3,008 148	2,607 2,494 113	2,921 2,798 123	3,037 2,908 129	2,940 2,780 160	2,957 2,707 250	3,20 2,96 23
Maritime Provinces T. M. F.	159 150 9	113 105 8	171 170 I	186 180 6	219 215 4	164 159 5	16 16
Quebec	1, 184 1, 172 12	913 893 20	944 930 14	961 942 19	959 924 35	1,114 1,056 58	1, 20 1, 15 4
OntarioT. M. F.	1,489 1,398 91	1, 201 1, 135 66	1,321 1,245 76	1,389 1,318 71	1,234 1,157 77	1,174 1,040 134	1,38 1,24 13
Western provinces	404 368 36	380 361 19	485 453 32	501 468 33	528 484 44	505 452 53	44 39 4
	N	iursing					
Canada F.	122	188	301	372	510	909	97
Maritime ProvincesF.	-	-	-	2	14	37	2
QuebecF.	179	34	53	43	127	239	25
Ontario <sup>4</sup> F.	79	55	107	120	172	391	40
Western Provinces*F.	24	99	141	207	197	242	28
	Occupat	ional Thera	вру				
University of TorontoF.	-	00	36	36	98	134	21
THE RESIDENCE	Phys	siotherapy					
CanadaT.	-	_	20	34	76	147	18
F.	~	-	20	34	76	147	18
University of Toronto	-	-	20	34	76	117	12
F.	-	-	20	34	76	117	12
McGill UniversityT. M. T.		-	-		-	30	6

<sup>(&#</sup>x27;) In addition there were 40 men and 40 women enrolled in the part time schools at Université de Montréal and University of Ottawa in the Academic year ending in 1945, and 39 men and 38 women for the year ending in 1946.

12.—Enrolment of Full-Time Undergraduate Students of the Regular Session by Faculties

	1921	1926	1931	1936	1941	1945	1946
Phys	ical and H	ealth Educ	eation				
anada T.	22	77	76	52	128	119	31 13
F.	22	77	76	49	123	96	17
QuebecT.	22	50	25	18	19	22	8
F.	22	50	25	15	19	21	5
Ontario	-	22	51	34	101	97 22	22 10
F.		22	51	34	96	75	1:
Western ProvincesF.		armacy			0 1		
anada T.	562	459	512	484	412	379	7:
M. F.	529 33	430 29	481 31	445 39	372 40	274 105	5: 11
Maritime ProvincesT. M. F.	24 22 2	12 11 1	12 10 2	9 7 2	7 5 2	15 7 8	150
QuebecT.	220	142	94	95	86	161	2
M. F.	214	142	94	95	84	157 4	1
OntarioT. M. F.	168 158 10	156 141 15	250 239 11	200 190 10	186 165 21	115 72 43	2
Western Provinces	150	149 136	156 138	180 153	133 118	88 38	2
F.	15	13	18	27	15	50	
	Soci	ial Work				1	
anadaT. M. F.	85 13 72	72 5 67	11 <del>0</del> 11 99	127 22 105	146 22 124	342 78 264	2
Maritime Provinces	-	-	-	==	1	11 1 10	
Quebec	13	25	30	17	27	197	1
M. F.	3	25	29	3 14	23	63 134	
OntarioT.	72 10	47 5 42	70 9 61	85 15 70	92 14	52	
F. Western Provinces	62	42	10	25	78	48 82	
M. F.	-	_	1 9	21	22	10 72	
Total Theol	ogy (includ	ling post-g	raduate stu	idents)			
anada°T. M. F.	2,136 2,095 41	2,169 2,113 56	2,261 2,217 44	2,643 2,619 24	2,429 2,393 36	2,267 2,222 45	2,3
Maritime Provinces	191 187 4	131 131	133 133	187 187	146 146	167 167	1
QuebecT. M. F.	938 938	996 996	988 988 -	1,221 1,221	1,073 1,073	1,071 1,069 2	1,0
Ontario	857 827 30	838 795 43	938 901 37	1.076 1.053 23	940 906 34	844 805 39	8
					270		2

<sup>\*</sup> Figures have been revised since publication of last Survey.

12.—Enrolment of Full-Time Undergraduate Students of the Regular Session by Faculties
—Concluded

	1921	1926	1931	1936	1941	1945	1946
I	rotestant ?	Theological	Colleges		HIN		
T. M. F.	728 687 41	706 650 56	621 577 44	63± 610 24	631 595 36	542 497 45	53 48
Maritime Provinces	99 95 4	77 77 -	60 60	98 98 -	85 85 -	77 77 -	16
Quebec T. M. F.	84 84	99	80 80	76 76 -	83 83	23 21 2	4
Ontario	395 365 30	326 283 43	259 222 37	301 278 23	293 259 34	299 260 39	28 23 4
Western Provinces	150 143 7	204 191 13	222 215 7	159 158 1	170 168 2	151 147 4	18
						1	
Roman Cat	1		1				
'anada"	1,408	1,463	1,640	2,009	1,754	1,717	
Maritime Provinces M.	1,408	1,463	1, <b>640</b>	<b>2,009</b>	61	90	
Maritime Provinces. M. Quebec. M.	1,408 92 854	1,463 54 897	1, <b>640</b> 73 888	2,009 89 1,145	61 990	90	1,0
Canada* M.  Maritime Provinces. M.	1,408	1,463	1, <b>640</b>	<b>2,009</b>	61	90	1,73 9 1,08 54
Manada* M.  Maritime Provinces. M.  Quebec. M.  Ontario* M.	1,408 92 854 462	1,463 54 897	1,640 73 888 679	2,009 89 1,145	61 990 647	90 1,048 545	1,08
Tanada* M.  Maritime Provinces. M.  Quebec. M.  Ontario* M.	1,408 92 854 462	1,463 54 897 512	1,640 73 888 679	2,009 89 1,145	61 990 647	90 1,048 545	1,08
Tanada* M.  Maritime Provinces. M.  Quebec. M.  Ontario* M.  Western Provinces. M.  T.  M.	1,408 92 854 462 - Veterin	1,463 54 897 512 - mary Science	1,640 73 888 679 -	2,009 89 1,145 775 -	61 990 647 56	90 1,048 545 34	1,08

## 12A.-Enrolment of Post graduate Students, of the Regular Session, by Faculties

	1921	1926	1931	1936	1941	1945	1946
Post-Gradua	te Courses in	Arts, Scien	nce and Ph	ilosophy			
anada* T M F	. 261	751 555 196	1,300 964 336	1,384 1,034 350	1,467 1,133 334	1,795 1,362 433	2,7
Maritime Provinces	. 22	27 20 7	45 27 18	90 62 28	71 55 16	48 29 19	1
QuebecT M F	. 30	204 175 29	427 367 60	385 324 61	519 387 132	861 654 207	1,0
OntarioT M F	. 150	340 240 100	508 342 166	577 396 181	593 462 131	632 494 138	1.1
Western Provinces	. 59	180 120 60	320 228 92	332 252 80	284 229 55	254 185 69	
Other Pos	t-Graduate (	Courses (ex	cepting The	eology)			
anada° T M F	. 37	143 140 3	241 228 13	309 285 24	239 226 13	194 179 15	
Maritime Provinces		-	-	-	-	-	
Quebec	. 19	50 50	30 30 -	57 57	64 61 3	84 78 6	
OntarioT M F	. 18	74 71 3	151 140 11	203 181 22	118 111 7	37 35 2	
Western ProvincesT	_	19	60	49	57	73 66	

<sup>\*</sup> Revised since last survey.

### HIGHER EDUCATION IN CANADA

### 13.—Degrees and Diplomas Conferred by Faculties

	1921	1926	1931	1936	1941	1945	1946
Be	achelors of	Agricultura	al Science				
Canada	156 153 3	111 108 3	160 158 2	238 231 7	238 230 8	168 158 10	202 192 10
QuebecT. M. F.	43 41 2	25 23 2	48 48 -	51 50 1	43 42 1	50 48 2	49 48 1
OntarioT. M. F.	74 74 —	33 33 -	53 52 1	117 115 2	109 105 4	53 52 1	59 59
Western Provinces	39 38 1	53 52 1	59 58 1	70 66 4	86 83 3	65 58 7	94 85 9
	Diploma	as in Agricu	ilture				
Canada T. M. M. F.	171 171	53 52 1	115 115	107 107	165 165	74 74	75 74 1
Maritime Provinces T. M. F.	32 32	3 2 1	16 16 -	17 17	12 12	12 12	22 22
QuebecT. M. F.	3 3 -	24 24 ~	42 42 -	42 42 -	45 45	22 22 -	24 24 -
OntarioT. M. F.	116 116	12 12 -	33 33	36 36 -	34 34 -	-	-
Western Provinces	29 20 -	14 14 -	24 24 -	12 12	54 54 -	40 40 1	29 28 1
	Graduate	s in Archit	ecture				
Canada T M M F.	17 17	14 14	24 24	53 53	24 23 1	20 16 4	29 25 4
Quebec	7 7 -	7 7 -	8 8 -	22 22 -	16 16	13 10 3	11 8 3
OntarioT. M. F.	9 9	4 4 -	7 7 -	14 14 -	2 2 -	1 1 -	9 8 1
Western Provinces	1 1 -	3 3 -	9 9	17 17 -	6 5 1	6 5 1	9
Back	nelors of Ar	ts and Let	ters <sup>1</sup>				
CanadaT. M. F.	1,337 823 514	1,985 1,215 770	2,474 1,493 981	3,175 2,007 1,168	3,332 2,242 1,090	3,845 1,794 1,251	3,829 2,388 1,441
Maritime Provinces	183 117 66	196 113 83	273 172 101	309 184 125	252 154 98	188 105 83	251 145 106
Quebec	284 239 45	493 439 54	669 567 102	916 762 154	1,109 931 178	1,117 830 287	1,296 1,002 294
Ontario	581 323 258	825 477 388	968 506 462	1,308 737 571	1,253 750 503	1,235 634 601	1,531 856 675
Western Provinces	289 144 145	471 226 245	564 248 316	642 324 318	718 407 311	505 225 280	751 385 366

<sup>&</sup>lt;sup>1</sup> Includes a few Bachelors of Social Science in Quebec.

### 13.—Degrees and Diplomas Conferred by Faculties—Continued

	1921	1926	1931	1936	1941	1945	1946
	Bachelors	of Science (in	Arts)				
Canada	T. 27 M. 20 F. 3	107	252 207 45	320 275 45	342 291 51	436 346 90	58 44 14
Maritime Provinces	T. 21 M. 20 F. 1	30	73 61 12	109 99 10	102 83 19	122 99 23	17 14 3
	T. 37 M. 36 F.	39	84 74 10	50 42 8	93 78 15	156 118 38	15
Ontario	T. M. F.	=	-	=	13 12 1	30 30 -	
	T. 19 M. 14 F. 5	38	95 72 23	161 134 27	134 118 16	128 99 29	11
	Bachel	ors of Comm	ierce²				
	T. 12 M. 11 F. 1	59	169 152 17	202 177 25	263 231 32	269 215 45	33 29 3
	T. M. F.		24 20 4	19 19	24 19 5	19 13 6	1
	T. 10 M. 9 F. 1	7	41 41 -	50 46 4	58 53 5	105 99 6	9
	T. 2 M. 2 F	38	68 58 10	77 75 2	82 76 6	49 47 2	6
	T M F	17 11 6	36 33 3	56 37 19	99 83 16	87 56 31	15 12 2
	Docto	ors of Dentis	try				
	T. 189 M. 184 F. 5	146	90	106	98 98 -	172 169 3	?
	T. 6 M. 6 F		9	11 11 -	7 7 -	-	
	T. 43 M. 41 F. 2	67 66 1	15 15	33	33	42 42 -	6 6 -
	T. 140 M. 137 F. 3	83 80 3	59 59	59 59	45	119 116 3	
	T	=	7 7 -	3 3 -	13 13 -	11 11 -	
Grad	uates in Appl	lied Science	or Engineeri	ing*			
	Г. 389 И. 388 F. 1	329 329 -	448 448 -	603 2	753 753	749 749	1,007
Maritime Provinces		22	38	38	49	49	71
	Г. 202	99 143	72 212 212	105 282	150 343	130 323	381
Western Provinces	Г. 42	143	212 - 126	280 2 180	343 - 211	323	380
)	d. 41 F. 1	65	126	180	211	247	3!

Includes a few Bachelors of Accountancy and of Secretarial Science.
 Figures have been revised since publication of last survey.

### 13.—Degrees and Diplomas Conferred by Faculties—Continued

20 10 -	1921	1926	1931	1936	1941	1945	1946
Bach	elors of E	ducation or	Pedagogy				
Canada T. M. M. F.	1 1 -	25 24 1	60 41 19	100 75 25	143 112 31	138 102 36	251 182 6
Maritime ProvincesT. M. F.	-			12 6 6	12 4 8	5 2 3	1
QuebecTM	=	-	15 5 10	16 11 5	51 45 6	42 38 4	4.5 3.1 1.0
OntarioT. M. F.	1	24 23 1	37 31 6	52 47 5	39 32 7	24 19 5	39
Western Provinces	-	1 1 -	8 5 3	20 11 9	47 31 16	67 43 24	153 111 42
Graduates of	f Universi	ty Teacher	Training (	Courses			
Canada <sup>2</sup>	100	373	581	584	573	301	49
Maritime Provinces T. M. F.	=	-	49 22 27	37 17 20	14 4 10	5 3 2	1
Quebec³T.	28	45	38	48	45	56	62
OntarioT. M. F.	72 48 24	271 98 173	377 133 244	390 171 219	338 159 179	127 60 67	26: 120 14:
Western Provinces	-	57 22 35	117 48 69	109 47 62	176 60 116	113 25 88	171 77 94
Ba	chelors of	Science in	Forestry				
CanadaT.	15	19	41	21	42	26	40
Maritime Provinces	6	1	9	1	12	7	2
Quebec.,M.	3	1	10	5	16	12	18
Ontario	6	13	18	14	3	4	15
Western ProvincesM.		4	4	1	11	3	1;
1	Bachelors	of Househo	ld Science				
CanadaT.	10	19	112	138	214	160	187
Maritime ProvincesF.	-	_	13	25	46	27	38
QuebecF.	-	1	7	17	16	36	34
OntarioF.	-	-	37	18	15	4	
Western ProvincesF.	10	18	55	78	137	93	117
	Bachelor	s of Canon	Law	-			
Canada	2	7	16	~	8	8	13
Quebec	2	7	10	-	5	3	
Ontario	-	-	6	-	3	5	4

Record of men and women not obtained separately for Quebec.

## DOMINION BUREAU OF STATISTICS

### 13.—Degrees and Diplomas Conferred by Faculties-Continued

Mr. For the control	1921	1926	1931	1936	1941	1945	1946
	Grad	uates in La	w				
Canada	393 379 14	277 267 19	223 218 5	269 202 7	265 261 4	121 113 8	16 14 1
Maritime Provinces	30 29 I	23 21 2	18 17 1	35 34 1	34 33 1	77	1 1
QuebecT. M, F.	95 95	72 72	76 76	60 58 2	74 74	44 42 2	5 5
Ontario	209 200 9	133 126 7	94 92 2	70 69 1	103 101 2	57 53 4	7
Western Provinces	59 55 4	49 48 1	35 33 2	44 41 3	54 53 1	13 11 2	2
Graduates	in Librari	anship (De	grees and L	Piplomas)			
anada T. M. F.	-	-	39 2 37	66 3 63	53 5 48	45 4 41	5
Maritime ProvincesF.	-	-	-	-	-	4	
Quebec	-	-	13 2 11	19 3 16	15 1 14	19 3 16	20
Ontario	-		26 26	47	38 4 34	22 1 21	3
	Graduat	tes in Medic	eine				
Canada T. M. F.	404 390 14	510 493 17	535 509 26	497 476 21	562 537 25	575 541 34	628 583 43
Maritime Provinces	16 15 1	35 35	23 23	26 25 1	41 41 —	44	-
Quebec	154 154 -	141 139 2	163 160 3	176 171 5	208 200 8	225 213 12	288 272 16
Ontario	200 189 11	264 254 10	269 250 19	218 208 10	214 205 9	218 205 13	244 228 16
Western Provinces	34 32 2	70 65 5	80 76 4	77 72 5	99 91 8	88 79 9	96 83 13
	Graduate	s in Pharm	acy				
anada T. M. F.	176 166 10	134 130 4	208 198 10	190 180 10	160 145 15	78 62 16	104 80 24
Maritime Provinces	-	-	4 3 1	1 1 -	4 2 2	5 3 2	8 5 3
Quebec	22 19 3	23 23	11 11	20 20	18	17 16 1	26 23 3
Ontario	94 88 6	68 67 1	128 122 6	100 97 3	64 57 7	41 34 7	51 42 9
Western Provinces	60 59	43 40 3	65 62 3	69 62 7	74 68 6	15 9 6	19 10 9

### HIGHER EDUCATION IN CANADA

### 13.—Degrees and Diplomas Conferred by Faculties-Continued

	1921	1926	1931	1936	1941	1945	1946
Physi	cal Trainin	g and Heal	th Education	on			
Canada T. M. M. F.		37	45 - 45	21 1 20	54 - 54	33 5 28	3
QuebecT. M. F.		25 - 25	15	5 1 4	11	11	10
Ontario	-	12	30	16	35	22 5 17	2
Western ProvincesF.	-	-			8	_	_
	So	cial Work					
Canada T. M. F.	5 - - -	24 1 23	18	45 6 39	69 9 60	89 7 82	11 1' 9.
Maritime ProvincesT. M. F.	-		-	der en	-	7 7	
Quebec	-	8 - 8	7 7	8 1 7	17 1 16	13 2 11	2:
OntarioT. M. F.	5 5	16 1 15	11	30 5 25	28 3 25	29 2 27	20
Western ProvincesT. M. F.	-	-	-	$\frac{7}{7}$	. 24 5 19	40 3 37	59 17 47
	Graduat	es in Theol	ogy*				
Canada T. M. M. F.	426 408 18	475 452 23	434 416 18	484 468 16	488 477 21	457 438 19	483 458 25
Maritime Provinces	35	31	42	39	33	36	5
Quebec T. M. F.	155 155 -	210 210 -	151 151 -	180 180 -	215 215 -	200 200 -	194 193
Ontario	186 170 16	178 160 18	178 164 14	226 213 13	197 186 11	179 160 19	189 163 24
Western Provinces	50 48 2	56 51 5	63 59 4	39 36 3	43 43	42 42 -	49 49
Back	helors of Di	ivinity (Pos	st-Graduate	)			
CanadaT.	34	30	37	43	41.	40	51
Maritime Provinces	2	2	4	17	13	4	6
Quebec	10	3	3	8	2	3	1
Ontario M.	15	18	24	12	19	24	39
Western ProvincesM.	7	7 1	6	6	7	9	
Gra	aduates in	Veterinary	Science			1	
Canada T. M. F.	26 26 -	18 18 -	28 28	53 53 -	68 67 1	49 45 4	43 42 1
Quebec	6	6 6	8 8	8 8	12 12 -	777	6
Ontario	20 20 -	12 12 -	20 20 -	45 45	56 55 1	42 38 4	37 36 1

<sup>\*</sup>Revised since date of last Survey

#### DOMINION BUREAU OF STATISTICS

### 13.—Degrees and Diplomas Conferred by Faculties -- Continued

	1921	1926	1931	1936	1941	1945	1946
Degrees an	d Post Gra	duate Dipl	omas in Nu	rsing			
anada	67	83	122	191	209	404	45
Maritime ProvincesF.	-	-	-	-	2	10	
QuebocF.	-	33	39	67	57	71	10
Ontario <sup>4</sup>	67	43	65	99	122	233	21
Western Provinces	-	7	18	20	20	80	
	Maste	ers of Arts					
anada T. M. F.	147 105 42	202 140 62	274 186 94	252 179 73	258 201 57	183 124 39	3:
Maritime Provinces	37 30 7	22 12 10	29 17 12	24 17 7	37 29 8	9 5 4	
Quebec	14 9 5	27 21 6	47 27 20	39 20 19	42 29 13	37 17 20	
Ontario	74 49 25	95 68 27	137 94 43	141 108 33	115 87 28	107 77 30	2
Western Provinces	22 17 5	58 39 19	61 42 19	48 34 14	64 56 8	30 25 5	
	Master	s of Science	96				
anada T. M. F.	30 24 6	82 78 4	93 89 4	133 130 3	118 110 8	82 74 8	1 1
Maritime Provinces	2 2	4 4	3 2 1	6 6	10 8 2	9 7 2	
Quebec,	18 13 5	42 39 3	28 28	31 31	35 32 3	32 27 5	
Ontario	5 5	9 -	28 28 -	32 32 -	22 22 -	12 12 -	
Western Provinces	5 4 1	27 26 1	34 31 3	64 61 3	51 48 3	29 28 1	
Lie	entiates (no	t including	Theology)				
Zanada T. M. F.	41	40 39	91 89 2	100 93 7	211 209 2	213 191 22	2.0
Quebec	28 28 -	26 25 1	67 66 1	92 85	191 190 1	192 171 21	2
OntarioT.	13 13	14 14	24 23	8 8	20	21 20	

<sup>\*</sup>Includes 12-24 Dental nurses annually, 
\*Includes M. Comm. and M. Ed. or M. Paed, 
\*Includes M. A. Se, M.S. A., M. So, F.M. Arch., M. V. Se, M. Surgery (where gives in Archer).

### 13.—Degrees and Diplomas Conferred by Faculties—Concluded

						1		
		1921	1926	1931	1936	1941	1945	1946
Other Post-C	Graduate Degi	rees and 1	Diplomas (	except in E	ducation or	Theology)		
'anada	Т. М. F.	6	53 51 2	84 82 2	90	175 106 69	240 120 120	57 32 25
Quebec	T. M. F.	3 3	42 42 -	55 54 1	66 66	75 69 6	110 86 24	33 24 8
Ontario	Т. М. F.	3 3 -	10 9 1	27 26 1	23 23 -	100 37 63	123 33 90	24
Western Provinces	T. M. F.	-	1 - 1	2 2 -	1 1		7 1 6	
		Doctora	tes (Honor	ary)				
anada	T. M. F.	58 58	67 67	95 95	100 98 2	85 79 6	114 110 4	1
Maritime Provinces	Т. М. F.	4 4	17 17	19 19	21 20 1	18 15 3	12 11 1	
Quebec	T. M. F.	10 10	7 7 7	13 13	19 19	25 23 2	37 37 -	
Untario	т. м. F.	33	28 28 -	46 46 -	42 41 1	30 29 1	49 47 2	
Western Provinces	T. M. F.	11 11 -	15 15	17 17 -	18 18 -	12 12	16 15 1	
	1	)octorate	s (in Cours	e)				
anada	Т. М. F.	24 23 1	28 24 4	46 39 7	68 63 5	75 76 5	89 78 11	1
Maritime Provinces	т. М. F.	_	1 1 -	1 1	-	-	-	
Quebec,	T. M. F.	17 17 -	13 11 2	19 18 1	29 27 2	30 30 -	48 42 6	
Ontario	T. M. F.	7 6 1	14 12 2	24 18 6	39 36 3	45 40 5	41 36 5	
Western Provinces	т. М. F.	-		2	-	-	-	

							Place	of Stude	nts' Resi	dence						
Universities and Colleges in	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Yukon and N.W.T.	U.S.A.	U.K.	British West Indies	Nfld.	Other Coun- tries	To tal Speci- fied
Prince Edward Island	134 159 132 174 194	2 1 4 -	10 7 5 1 3 1 12	29 17 20 12 14 10	1 1 - 1	-		-	2	-	16 5 3 6 4 - 2	-	-	2	-	25 16 19 15 19 20 31
Nova Scotia	101 71 59 55	1.116 1.209 1.392 1.192 1.399 1.476 2.245	269 258 277 246 260 299 427	7 10 27 26 33 99 108	17 14 20 19 18 18	- 2 1 4 2 3	3 2 - 5 3 2 7	5 1 3 4 4 5 9	4 1 6 8 10 11	-	22 46 104 248 150 64 66	5 5 2 13 6 5 3	15 10 7 2 9 19	38 41 67 71 102 128 154	6 10 18 14 9 2	1,564 1,663 2,020 1,918 2,063 2,184 3,213
New Brunswick. 192 192 193 193 194 194 194	16 30 18 37 32	83 95 159 191 188 179 349	232 374 562 555 997 1,319 1,916	10 12 31 46 183 188 254	4 5 14 7 23 17 126	1 1 2 -	2 1 2 1 1 2 9	1 3 7 2 5	1 2 - 1 - 1	2	3 10 20 16 48 20 36	1 10 10 10 - 11 3	2 5 5 15 1	35 24 20 12 34 50 70	- - 4 - 3 15	40: 54: 85: 86: 1,53: 1,82: 2,90:
Quebec (English)	26 19 26 22 24	133 76 78 70 93 69 137	120 77 77 77 80 81 90 123	1,920 1,737 2,030 2,112 2,603 3,092 5,055	504 358 342 275 294 293 692	27 27 32 32 37 36 82	34 33 36 45 33 25 67	50 35 42 35 47 51 71	105 74 81 64 82 100 146	1 2 1	194 318 335 229 178 191	47 146 68 19 20 28	†† 263 42 29 20 40 176 160	57 69 32 23 35 31	17 13 20 45 115 82	3, 19 2, 79 3, 31 3, 21 3, 64 4, 30 6, 90
Quebec (French)	11 8 7 41 8	7 16 9 16 21 10	22 23 8 63 30 120 423	12.216 11,294 14,461 14,179 12,508 11,597 10,590	139 146 84 92 83 65 71	16 21 11 10 11 16 16	7 14 8 3 17 7	1 5 2 1 19 3 4	1 - 1		400 617 763 507 363 263	2 2	†† 414 - - - - - - - - - - - - 13 15	1 2 4 3 - 3	24 33 60 57 105 125	12, 82 11, 95 15, 24 15, 19 13, 25 12, 31 11, 44
Ontario	21 33 33 22 10	87 59 89 78 94 72 127	62 49 78 84 159 64	184 184 354 338 1,019 439 614	8, 497 8, 381 11, 629 12, 929 13, 527 11, 308 18, 700	153 93 96 132 163 118 261	292 154 218 225 503 196 500	170 84 94 123 206 121 219	189 133 133 138 166 200 322	2 5 2 - 3	239 421 635 513 267 431	46 78 43 14 30 48	†† 393 10 11 5 8 46 47	7 16 14 11 16 39	154 138 126 147 96 162	10,05 9,61 13,39 14,90 16,61 12,98 21,61

Manitoba	1926 1931 1936 1931 1936 1941 1945	- - 1 1	5 2 - 1 1	1 2 2 1 1 1	1 1 3 2	15   31   59   26   48   42   96	1.641 2.345 2.288 2.597 2.517 2.034 4.866	125 197 252 204 271 206 351	23 18 30 21 26 29 57	14 20 25 16 60 67 79	- 1 1 - 1	14 11 5 5 8 17	7 11 1 4 3	†† 18   -   -   -   3   5		3 3 1 3 - 4	1,837 2,643 2,685 2,872 2,934 2,399 5,485
Saskatchewan	1921 1926 1931 1936 1941 1945 1946	4 2 1 - - 1	7 2 3 - 1 -	1 2 1 - 1	2 1 3 2 5 6	13 15 12 5 9 11 32	11 8 22 7 12 30 42	632 798 1,487 1,427 2,009 1,699 3,221	9 13 12 10 36 24 65	3 5 9 13 13	1 -	12 1 2 9 3	14 65 18 2 1	†† 34 - 2 - - -	1	13 5 1 1 2 1	716 885 1,619 1,481 2,094 1,789 3,414
Alberta	1921 1926 1931 1936 1941 1945 1946	1 4 - - 9	20 8 8 	7 2 - 1	1 - 1 2 15	30 14 10 6 4 7 66	15 12 9 13 16 8	75 64 81 86 116 91 306	1,072 1,097 1,308 1,508 1,918 1,034 2,496	35 37 79 101 87 84 111	2 - 4	8 3 2 2 6 74	6 13 3 1 - 74	†† 30 - - - - 1	1	- 4 4 2 19 - 104	1, 285 1, 257 1, 518 1, 721 2, 168 1, 233 3, 381
British Columbia	1921 1926 1931 1936 1941 1945 1946	2	1 2 8	1 14	1 2 - 4 5 12	1 2 7 2 2 11 49	- 2 6 3 7 9 45	6 3 9 13 22 32 137	6 10 17 29 63 60 208	853 1, 416 1, 995 1, 831 2, 723 3, 073 6, 502	1 2 4 2 3 1 6	6 8 6 11 8 29	3 7 8 - - 2 5		- - - - 6 3	1 12 22 9 7	877 1, 463 2, 079 1, 895 2, 843 3, 208 7, 027
Canada	1921 1926 1931 1936 1941 1945	336 276 351 287 315 324 666	1,455 1,470 1,742 1,551 1,786 1,867 2,896	744 796 1,010 1,030 1,533 1,895 2,788	14,368 13,257 16,929 16,715 16,127 15,410 16,656	9,220 8,967 12,178 13,361 11,098 11,773 19,963	1,863 2,510 2,467 2,796 2,769 2,253 5,418	1,176 1,266 2,033 2,009 2,975 2,260 4,607	1,337 1,263 1,511 1,731 2,324 1,329 3,134	1,204 1,689 1,320 2,165 3,141 3,547 7,210	3 7 9 3 12 5	934 1,506 2,018 1,178 917 1,116	133 333 156 41 76 167	††1,306 64 54 32 74 258 263	130 175 133 174 235 303	236 236 237 289 324 597	33,012 32,998 42,914 14,224 47,316 42,443 65,764

Norg.—Figures in this table are not strictly comparable as between years because records from some institutions (different institutions in different years) have not been available for inclusion. Moreover some institutions have given the information in some years for more of their students than they were asked to report, i.e., more than their full-time students of university grade, when pre-matriculation or part-time students have been included in the reports it has not been possible to separate them in compiling the table.

†† For 1921 there is only one figure for all students from outside Canada. Distribution by countries incomplete.

### 15.—Summary of Teaching Staffs

	Arts, L	otters an	d Pure Sci	ence	Pro	fessional	Faculties		]	Pre-Matri	iculation		To (ex	tal Teacl cluding d	ning Staff uplicates)	
	Full-ti	me	Part-ti	ime 🕝	Full-ti	me	Part-ti	me	Full-time		Part-time		Full-ti	me	Part-ti	ine
	М.	F.	M.	F.	М.	F.	М.	F.	M.	F.	М.	F.	M.	F.	М.	F.
Canada 1921 1926 1931 1936 1941* 1945 1946	1,120 1,317 1,558 1,719 1,768 1,728 2,198	71 124 158 203 269 356 358	214 247 372 432 449 367 881	28 73 147 147 130 96 128	858 878 1,005 973 1,518 1,662 2,404	84 90 122 149 181 266	1,125 1,441 1,613 1,674 1,689 1,901 2,224	54 67 92 112 125 201 216	695 594 680 719 931 1,014 960	304 355 456 183 312 460 621	80 74 108 114 141 151 205	39 53 79 35 85 27 25	2,704 2,842 3,291 3,476 3,821 4,100 4,985	462 580 751 541 761 974 1,099	1,357 1,653 1,985 2,063 2,099 2,147 3,218	11: 16: 27: 28: 24: 28: 35:
Maritime Provinces1921 1926 1931 1936 1941 1945 1946	114 135 154 159 199 191 206	2 10 12 16 32 36 38	26 46 57 81 40 23 28	2 5 30 14 11 9	75 53 62 62 82 82 82 124	2 8 23 22 29 33	53 111 141 136 128 121 188	3 17 11 12 27	48 53 45 56 87 90 91	5 5 4 10 14	22 28 22 15 21 31 49	3 2 - 8 4 2	252 279 290 293 336 341 337	9 19 30 44 54 71 93	71 104 162 184 182 170 247	36 23 36 36 32 22
Quebec	467 548 642 773 704 696 952	2 18 25 59 101 144 157	85 69 82 70 86 48 316	12 13 19 15 11	196 242 305 329 639 675 1,293	32 47 35 47 72 114	491 612 748 646 731 768 953	18 29 36 29 36 80	479 381 450 499 609 647 616	277 332 426 164 266 341 552	51 22 28 38 80 43 88	31 34 48 23 53 9	1,146 1,173 1,399 1,612 1,754 1,807 2,589	311 382 498 260 412 553 733	619 701 854 730 832 947 1,323	5 7 9 6 5 9
Ontario	341 386 485 515 542 527 578	28 53 82 85 94 127 115	66 76 128 205 247 253 369	13 37 56 94 78 53 54	405 352 395 375 568 606 688	28 32 30 46 80 81	377 492 516 649 551 543 653	27 28 33 58 47 56 52	87 76 103 98 141 194 195	5 6 13 6 19 28 31	14 13 18 43 37	15 5	836 814 988 1,003 1,128 1,197 1,364	61 91 125 137 211 210 168	437 569 654 836 774 797 1,032	4 6 9 15 9
Western Provinces	198 248 277 272 323 314 372	39 43 39 43 42 49 48	37 56 105 76 78 43 168	9 19 48 20 26 23 30	182 231 243 207 229 399 299	22 24 37 45 32 84 55	204 226 208 243 279 269 430	6 7 6 14 30 38 42	81 84 77 66 94 83 88	17 12 13 9 17 18 21	7 23 44 48 22 34 31	8 16 25 12 9 9	470 576 617 568 603 655 695	81 88 101 100 87 140 105	230 279 315 313 311 333 616	1 2 5 3 6 5

<sup>•</sup> Revised since last survey.

				Current Income	1			Value o	of Capital Reso	urces <sup>1</sup>
Province	From endowment	Government grants	Student	Miscel- laneous	Total	Deficits	Surpluses	Plant	Endowment, etc.	Trust funds
1921	\$	8	8	\$	8	8	\$	\$	\$	\$
Maritime Provinces. Quebec. Ontario. Western Provinces.	122,081 891,060 386,418 97,160	159,612 302,505 2,349,300 1,711,009	150, 496 345, 027 858, 334 272, 198	88.794 231,371 388,061 535,955	520, 983 1, 969, 963 3, 982, 113 2, 616, 322	18, 212 25, 975 10, 423 25, 413	17,576 79,778 88,868 7,886	4,055,874 14,909,346 15,889,666 13,269,237	1,960,672 16,711,158 7,778,544 1,877,149	-
Сапада	1,496,710	4,522,426	1,826,055	1,244,181	9,089,381	80,023	194,198	48,124,123	28,327,523	
1926										
Maritime Provinces. Quebec. Ontario. Western Provinces.	186, 227 1, 395, 934 357, 979 207, 499	187, 978 430, 280 2, 904, 041 1, 949, 141	199, 852 605, 218 1, 037, 341 537, 363	125, 922 354, 600 478, 960 276, 814	699, 979 2, 786, 032 4, 778, 321 2, 970, 817	22, 225 132, 191 12, 648 24, 871	9,740 12,732 100,985 9,000	6, 120, 258 18, 200, 004 22, 502, 236 18, 885, 576	3,875 463 24,778,363 9,913,390 3,589,454	-
Canada	2,147,639	5,471,440	2,379,774	1,236,296	11,235,149	191,935	132,457	65,708 074	42,156,700	
1931										
Maritime Provinces. Quebec. Ontario. Western Provinces.	265, 312 1, 186, 062 624, 761 182, 117	151,881 668,536 3,849,577 2,254,819	334,279 818,010 1,348,116 822,955	175,730 483,268 481,333 314,051	927,202 3,155,876 6,303,787 3,573,942	18, 177 459, 474 67, 840 54, 361	4,116 40,367 81,798	8,309,500 25,327,453 27,076,677 21,688,908	5, 489, 256 22, 913, 131 16, 345, 027 3, 711, 452	
Canada	2,258,252	6,924,813	3,323,360	1,454,382	13,960,807	599,852	126,281	82,402,538	48,458,866	
1936										
Maritime Provinces	247, 456 973, 535 655, 506 73, 375	164, 323 768, 616 3, 005, 186 1, 421, 021	436,705 1,060,332 1,914,887 1,045,317	155,778 506,163 608,920 273,756	1.004, 262 3.308, 646 6, 184, 499 2, 813, 469	25, 006 369, 871 127, 550 20, 297	22, 075 9, 720 70, 466 12, 417	7,910,026 28,702,951 31,443,103 20,485,242	5,723,949 24,529,587 21,388,579 2,735,498	  
Canada	1,949,872	5,359,146	4,457,241	1,534,617	13,300,876	542,724	114,678	88,541,322	54,377,613	-
1941										
Maritime Provinces. Quebec. Ontario. Western Provinces.	293,379 974,374 710,777 67,641	262,278 1,137,214 3,511,331 1,893,163	500, 889 1, 178, 537 2, 169, 484 1, 294, 496	243, 688 424, 510 903, 186 482, 692	1,300,234 3,714,635 7,294,778 3,737,992	36,310 165,949 22,190	22, 220 21, 438 51, 074 21, 274	9,178,829 31,223,006; 33,645,571 21,633,480	2,710,077 26,361,396 24,190,186 1,819,766	3, 159, 650 2, 590, 611 11, 373, 891 297, 763
Canada	2,046,171	6,803,986	5,143,406	2,054,076	16,017,639	224,449	115,999	95,680,886	55,081,925	17,421,93

#### 16.—Annual Income and Capital Resources of Universities and Colleges in Canada, 1921-1946—Concluded

			Cu	rrent Income				Value of Capital Resources <sup>3</sup>				
Province	From endowment	Government grants	Student fees	Miscel- laneous	Total	Deficits	Surpluses	Plant	Endowment, etc.	Trust funds		
1945	8	\$	8	\$	8	\$	\$	\$	\$	\$		
Maritime Provinces. Quebec Ontario. Western Provinces.	352,605 1,169,317 772,689 174,833	241, 426 1, 699, 554 4, 141, 960 2, 222, 120	563,863 1,585,499 2,171,819 1,380,203	283,095 856,433 858,283 679,450	1,440,989 5,310,803 7,944,751 4,456,606	20,370 18,860 44,912 32,670	1,634 16,845 62,211 112,016	8,841,569 31,712,093 34,815,763 22,084,575	3, 200, 149 28, 928, 590 25, 920, 546 2, 354, 323	4,723,503 3,699,263 15,084,37- 6,555,643		
Canada	2,469,444	8,305,060	5,701,384	2,677,261	19,153,149	114,812	192,706	97,454,000	60,403,608	24,162 78		
Maritime Provinces. Quebec. Ontario Western Provinces.	356,085 1,242,794 746,292 74,946	292,100 1,852,370 3,300,912 2,325,976	924,359 2,307,886 3,709,803 2,791,045	344, 123 1, 186, 382 1, 748, 198 2, 330, 540	1,916,667 6,589,432 9,505,205 7,522,516	1,060 35,218 39,212 7,978	29, 251 123, 237 40, 139 189, 477	10, 477, 771 34, 740, 591 35, 160, 775 22, 247, 957	2,982,964 27,068,354 25,103,683 4,819,671	4,868,359 4,363,779 17,917,039 1,849,809		
Canada	2,420,117	7,771,358	9,733,093	5,609,252	25,533,820	83,468	382,164	102,627,094	56,971,672	28,998,96		

Note.—Figures in this table represent a record of annual income for general university activities for the larger universities and many of the colleges of Canada. The institutions included represent about 80 per cent of the annual full-time enrolment. Total income and the resulting deficit or surplus does not include gifts and grants for capital expenditure.

1 Board and logding not included.
2 Site, buildings, equipment.
3 Compiled from 1941, previous record not available.
4 Includes supplementary grants from the Department of Veterans Affairs for 1945-1946.



