

# TRENDS IN MARITIME HIGHER EDUCATION

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## UNIVERSITY ENROLMENT 2022-2023

In 2022-2023, **72,969** students were enrolled in Maritime universities, up 1.5% over one year and 3.8% over ten years. At the undergraduate level, full-time enrolment increased by 3.9% and part-time enrolment decreased by 10.3% over one year, resulting in an overall increase of 2.2%. At the graduate level, full-time enrolment decreased by 1.6% and part-time enrolment decreased by 3.5%, with an overall decrease in enrolment of 2.2%.

Enrolment in *Mathematics, computer and information sciences* programs increased by 12.3% over one year and by 165.9% over ten years. Enrolment in *Health and related fields* increased by 6.2% and 11.7% over one and ten years, respectively.

**New Brunswick** experienced an enrolment increase of 1.3% to 19,267 students, although over ten years total enrolment decreased by 11.9%. Enrolment of NB residents and students from the other Maritime provinces decreased (-3.3% and -6.4% over one year, respectively). Enrolment increased among Canadian students from outside the Maritimes (+2.2%) and international students (+22.4%).

**Nova Scotia** experienced an enrolment increase of 1.4% to 48,338 students (+9.8% over ten years). Enrolment decreased among NS residents (-2.4%), students from the other Maritime provinces (-1.6%), and Canadian students from outside the Maritimes (-2.0%), but increased for international students (+13.8%).

**Prince Edward Island** saw continued growth in enrolment, increasing 2.5% to 5,364 students (+22.3% over ten years). Enrolment was largely stable among home province residents (+0.1%) and Canadian students from outside the Maritimes (+0.2%). Enrolment of international students increased (+8.9%), but there were fewer students from other Maritime provinces (-1.4%).

In 2022-2023, there were fewer Canadian students enrolled in the region: enrolment of NB residents decreased over one year by 2.9%, NS residents decreased by 2.6%, PEI residents decreased by 1.0%, and other Canadians decreased by 1.3%. International students were the sole source of enrolment growth in the region as their number increased by 15.1% over the previous year. University participation of Maritimers in Maritime universities decreased by 1.8 percentage points to 20.3%.

### New Brunswick

Change Over:	1 year	5 years	10 years
<b>Total Enrolment</b>	▲ 1.3%	▲ 4.0%	▼ -11.9%
NB Residents	▼ -3.3%	▼ -4.9%	▼ -21.7%
Other Maritimers	▼ -6.4%	▼ -19.3%	▼ -28.2%
Other Canadians	▲ 2.2%	▲ 3.2%	▼ -0.3%
International	▲ 22.4%	▲ 74.3%	▲ 46.8%
Home Province Participation Rate	▼ -1.7 pp	▼ -2.0 pp	▼ -3.3 pp

### Nova Scotia

Change Over:	1 year	5 years	10 years
<b>Total Enrolment</b>	▲ 1.4%	▲ 12.7%	▲ 9.8%
NS Residents	▼ -2.4%	▲ 4.7%	▼ -5.9%
Other Maritimers	▼ -1.6%	▲ 2.6%	▼ -1.2%
Other Canadians	▼ -2.0%	▲ 4.6%	▲ 0.4%
International	▲ 13.8%	▲ 47.0%	▲ 86.0%
Home Province Participation Rate	▼ -1.6 pp	▼ -0.7 pp	▼ -1.2 pp

### Prince Edward Island

Change Over:	1 year	5 years	10 years
<b>Total Enrolment</b>	▲ 2.5%	▲ 21.9%	▲ 22.3%
PEI Residents	▲ 0.1%	▲ 7.1%	▼ -14.2%
Other Maritimers	▼ -1.4%	▲ 0.5%	▲ 15.0%
Other Canadians	▲ 0.2%	▲ 14.7%	▲ 60.6%
International	▲ 8.9%	▲ 76.0%	▲ 226.9%
Home Province Participation Rate	▼ -0.7 pp	▼ -2.7 pp	▼ -5.5 pp

### Maritimes

Change Over:	1 year	5 years	10 years
<b>Total Enrolment</b>	▲ 1.5%	▲ 10.9%	▲ 3.8%
NB Residents	▼ -2.9%	▼ -3.3%	▼ -17.6%
NS Residents	▼ -2.6%	▲ 3.1%	▼ -7.0%
PEI Residents	▼ -1.0%	▲ 2.1%	▼ -16.5%
Other Canadians	▼ -1.3%	▲ 4.7%	▲ 1.6%
International	▲ 15.1%	▲ 54.6%	▲ 82.9%
Maritime Participation Rate	▼ -1.8 pp	▼ -2.0 pp	▼ -2.8 pp

ENROLMENT BY REGISTRATION STATUS		UNDERGRADUATE ENROLMENT				GRADUATE ENROLMENT				TOTAL ENROLMENT			
		Enrolment 2022-2023	Change Over			Enrolment 2022-2023	Change Over			Enrolment 2022-2023	Change Over		
			1 year	5 years	10 years		1 year	5 years	10 years		1 year	5 years	10 years
New Brunswick	Total	16,543	▲ 0.9%	▲ 1.3%	▼ -14.4%	2,724	▲ 3.7%	▲ 23.2%	▲ 6.7%	19,267	▲ 1.3%	▲ 4.0%	▼ -11.9%
	Full-time	14,853	▲ 1.0%	▲ 2.4%	▼ -12.0%	1,934	▲ 6.5%	▲ 40.2%	▲ 35.2%	16,787	▲ 1.6%	▲ 5.7%	▼ -8.3%
	Part-time	1,690	▲ 0.2%	▼ -6.8%	▼ -30.8%	790	▼ -2.5%	▼ -5.0%	▼ -29.5%	2,480	▼ -0.6%	▼ -6.2%	▼ -30.4%
Nova Scotia	Total	39,712	▲ 2.8%	▲ 11.8%	▲ 7.6%	8,626	▼ -4.5%	▲ 17.3%	▲ 21.1%	48,338	▲ 1.4%	▲ 12.7%	▲ 9.8%
	Full-time	35,361	▲ 5.4%	▲ 12.4%	▲ 9.5%	5,558	▼ -4.9%	▲ 20.6%	▲ 28.7%	40,919	▲ 3.8%	▲ 13.4%	▲ 11.8%
	Part-time	4,351	▼ -14.0%	▲ 7.3%	▼ -5.9%	3,068	▼ -3.8%	▲ 11.7%	▲ 9.4%	7,419	▼ -10.1%	▲ 9.1%	▼ -0.1%
Prince Edward Island	Total	4,803	▲ 1.9%	▲ 22.2%	▲ 18.1%	561	▲ 8.5%	▲ 19.4%	▲ 77.0%	5,364	▲ 2.5%	▲ 21.9%	▲ 22.3%
	Full-time	4,413	▲ 2.7%	▲ 26.1%	▲ 27.9%	554	▲ 8.0%	▲ 22.8%	▲ 90.4%	4,967	▲ 3.3%	▲ 25.7%	▲ 32.8%
	Part-time	390	▼ -7.1%	▼ -9.3%	▼ -36.9%	7	*	*	*	397	▼ -6.4%	▼ -11.6%	▼ -38.4%
Maritimes	Total	61,058	▲ 2.2%	▲ 9.5%	▲ 1.3%	11,911	▼ -2.2%	▲ 18.7%	▲ 19.2%	72,969	▲ 1.5%	▲ 10.9%	▲ 3.8%
	Full-time	54,627	▲ 3.9%	▲ 10.4%	▲ 3.8%	8,046	▼ -1.6%	▲ 25.0%	▲ 33.2%	62,673	▲ 3.2%	▲ 12.1%	▲ 6.8%
	Part-time	6,431	▼ -10.3%	▲ 2.1%	▼ -16.3%	3,865	▼ -3.5%	▲ 7.4%	▼ -2.2%	10,296	▼ -7.8%	▲ 4.1%	▼ -11.5%

FULL-TIME EQUIVALENTS (FALL TERM)		FTE 2022-2023	Change Over		
			1 year	5 years	10 years
New Brunswick		17,413	▲ 1.4%	▲ 5.3%	▼ -9.1%
Nova Scotia		42,647	▲ 3.1%	▲ 13.4%	▲ 11.4%
Prince Edward Island		5,039	▲ 3.3%	▲ 25.3%	▲ 30.9%
Maritimes		65,099	▲ 2.7%	▲ 11.9%	▲ 6.2%

Table 1: Total Enrolment by Province, Institution, and Registration Status

Table 2: Total Undergraduate Enrolment by Province, Institution, and Registration Status

Table 3: Total Graduate Enrolment by Province, Institution, and Registration Status

Table 4: Total Fall Term Full-Time Equivalent (FTE) by Province, Institution and Registration Status

ENROLMENT BY GENDER		Enrolment 2022-2023	Change Over		
			1 year	5 years	10 years
New Brunswick	Female	11,021	▼ -1.1%	▲ 3.9%	▼ -12.5%
	Male	7,717	▲ 0.7%	▼ -2.1%	▼ -16.8%
	Diverse / Not reported	529	▲ 148.4%	*	*
Nova Scotia	Female	26,471	▼ -1.1%	▲ 6.9%	▲ 4.5%
	Male	18,721	▲ 2.0%	▲ 3.8%	▲ 0.3%
	Diverse / Not reported	3,146	▲ 23.6%	*	*
Prince Edward Island	Female	2,657	▼ -4.4%	▼ -1.6%	▼ -4.3%
	Male	1,736	▼ -4.4%	▲ 3.1%	▲ 7.8%
	Diverse / Not reported	971	▲ 52.7%	*	*
Maritimes	Female	40,149	▼ -1.3%	▲ 5.4%	▼ -1.4%
	Male	28,174	▲ 1.3%	▲ 2.1%	▼ -4.7%
	Diverse / Not reported	4,646	▲ 36.9%	*	*

Table 10: Total Enrolment by Province, Institution, and Gender

Table 11: Total Enrolment by Province, Major Field of Study, and Gender

FULL-TIME ENROLMENT BY AGE GROUP <sup>1</sup>		Enrolment 2022-2023	Change Over		
			1 year	5 years	10 years
New Brunswick	19 or younger	4,970	▼ -0.4%	▼ -4.5%	▼ -14.7%
	20-24 years old	8,559	▲ 2.0%	▲ 6.1%	▼ -9.4%
	25 or older	3,258	▲ 3.7%	▲ 24.5%	▲ 7.4%
Nova Scotia	19 or younger	11,111	▲ 3.5%	▲ 16.5%	▲ 11.5%
	20-24 years old	19,602	▲ 1.0%	▲ 3.3%	▲ 1.7%
	25 or older	10,205	▲ 10.2%	▲ 35.0%	▲ 38.7%
Prince Edward Island	19 or younger	1,315	▲ 2.9%	▲ 21.9%	▲ 21.1%
	20-24 years old	2,610	▲ 4.7%	▲ 35.9%	▲ 40.2%
	25 or older	1,042	▲ 0.6%	▲ 9.9%	▲ 31.2%
Maritimes	19 or younger	17,396	▲ 2.3%	▲ 10.0%	▲ 3.1%
	20-24 years old	30,771	▲ 1.6%	▲ 6.2%	▲ 0.6%
	25 or older	14,505	▲ 7.9%	▲ 30.4%	▲ 29.7%

<sup>1</sup>Students with age "not reported" are excluded.

Table 12: Full-time Enrolment by Province, Institution, and Age Group

## How to read the tables

Enrolment statistics are reported at the provincial and Maritime level for the 2022-2023 fall term. The percent change over one, five and ten years (change since 2021-2022, 2017-2018 and 2012-2013, respectively) is provided to illustrate major trends. \*Percent change is not reported for cells with small n. Below each summary table is the title of a corresponding table on the MPHEC website with a breakdown by university and other variables available at: <http://www.mph.ec.ca/research/maritimeuniversitystatistics/enrolment.aspx>

University enrolment is calculated from data in the MPHEC Postsecondary Student Information System (PSIS), which contains detailed information on demographics, programs and courses for all students enrolled in 15 publicly-funded Maritime universities. Definitions and notes for each variable are available here: <http://www.mph.ec.ca/research/maritimeuniversitystatistics/definitions-notes.aspx>

ENROLMENT BY STUDENT ORIGIN	UNDERGRADUATE ENROLMENT				GRADUATE ENROLMENT				TOTAL ENROLMENT			
	Enrolment 2022-2023	Change Over			Enrolment 2022-2023	Change Over			Enrolment 2022-2023	Change Over		
		1 year	5 years	10 years		1 year	5 years	10 years		1 year	5 years	10 years
<b>New Brunswick</b>	<b>16,543</b>	▲ 0.9%	▲ 1.3%	▼ -14.4%	<b>2,724</b>	▲ 3.7%	▲ 23.2%	▲ 6.7%	<b>19,267</b>	▲ 1.3%	▲ 4.0%	▼ -11.9%
Home Province Residents <sup>2</sup>	10,490	▼ -3.6%	▼ -5.7%	▼ -21.8%	1,197	▼ -0.6%	▲ 2.6%	▼ -20.0%	11,687	▼ -3.3%	▼ -4.9%	▼ -21.7%
Other Maritimers	1,369	▼ -6.4%	▼ -21.1%	▼ -29.6%	132	▼ -6.4%	▲ 6.5%	▼ -9.6%	1,501	▼ -6.4%	▼ -19.3%	▼ -28.2%
Other Canadians	1,885	▲ 3.0%	▲ 4.0%	▼ -2.5%	369	▼ -1.9%	▼ -0.8%	▲ 13.2%	2,254	▲ 2.2%	▲ 3.2%	▼ -0.3%
International <sup>3</sup>	2,799	▲ 26.1%	▲ 69.9%	▲ 38.4%	1,026	▲ 13.4%	▲ 87.2%	▲ 76.0%	3,825	▲ 22.4%	▲ 74.3%	▲ 46.8%
<b>Nova Scotia</b>	<b>39,712</b>	▲ 2.8%	▲ 11.8%	▲ 7.6%	<b>8,626</b>	▼ -4.5%	▲ 17.3%	▲ 21.1%	<b>48,338</b>	▲ 1.4%	▲ 12.7%	▲ 9.8%
Home Province Residents	18,315	▼ -1.6%	▲ 3.4%	▼ -7.3%	3,279	▼ -6.3%	▲ 12.9%	▲ 3.1%	21,594	▼ -2.4%	▲ 4.7%	▼ -5.9%
Other Maritimers	2,691	▼ -1.0%	▲ 0.6%	▼ -0.2%	619	▼ -4.3%	▲ 12.1%	▼ -5.1%	3,310	▼ -1.6%	▲ 2.6%	▼ -1.2%
Other Canadians	8,987	▼ -0.4%	▲ 6.7%	▼ -1.8%	2,235	▼ -7.9%	▼ -3.0%	▲ 10.3%	11,222	▼ -2.0%	▲ 4.6%	▲ 0.4%
International	9,719	▲ 17.6%	▲ 44.8%	▲ 83.2%	2,493	▲ 1.3%	▲ 56.3%	▲ 97.4%	12,212	▲ 13.8%	▲ 47.0%	▲ 86.0%
<b>Prince Edward Island</b>	<b>4,803</b>	▲ 1.9%	▲ 22.2%	▲ 18.1%	<b>561</b>	▲ 8.5%	▲ 19.4%	▲ 77.0%	<b>5,364</b>	▲ 2.5%	▲ 21.9%	▲ 22.3%
Home Province Residents	2,416	▼ -0.2%	▲ 7.1%	▼ -16.1%	227	▲ 2.7%	▲ 7.1%	▲ 12.4%	2,643	▲ 0.1%	▲ 7.1%	▼ -14.2%
Other Maritimers	498	▼ -3.9%	▼ -1.2%	▲ 7.8%	69	▲ 21.1%	▲ 15.0%	▲ 122.6%	567	▼ -1.4%	▲ 0.5%	▲ 15.0%
Other Canadians	377	▲ 3.9%	▲ 16.7%	▲ 47.8%	100	▼ -11.5%	▲ 7.5%	▲ 138.1%	477	▲ 0.2%	▲ 14.7%	▲ 60.6%
International	1,512	▲ 6.9%	▲ 78.3%	▲ 221.0%	165	▲ 31.0%	▲ 57.1%	▲ 292.9%	1,677	▲ 8.9%	▲ 76.0%	▲ 226.9%
<b>Maritimes</b>	<b>61,058</b>	▲ 2.2%	▲ 9.5%	▲ 1.3%	<b>11,911</b>	▼ -2.2%	▲ 18.7%	▲ 19.2%	<b>72,969</b>	▲ 1.5%	▲ 10.9%	▲ 3.8%
New Brunswick <sup>4</sup>	12,823	▼ -3.2%	▼ -4.3%	▼ -18.1%	1,663	▼ -0.7%	▲ 4.9%	▼ -14.1%	14,486	▼ -2.9%	▼ -3.3%	▼ -17.6%
Nova Scotia	19,642	▼ -2.0%	▲ 1.6%	▼ -8.6%	3,426	▼ -5.9%	▲ 13.1%	▲ 3.6%	23,068	▼ -2.6%	▲ 3.1%	▼ -7.0%
Prince Edward Island	3,314	▼ -0.6%	▲ 1.5%	▼ -17.6%	434	▼ -3.8%	▲ 7.4%	▼ -7.3%	3,748	▼ -1.0%	▲ 2.1%	▼ -16.5%
Other Canadians	11,249	▲ 0.3%	▲ 6.6%	▼ -0.8%	2,704	▼ -7.3%	▼ -2.3%	▲ 12.9%	13,953	▼ -1.3%	▲ 4.7%	▲ 1.6%
International	14,030	▲ 17.9%	▲ 52.4%	▲ 79.9%	3,684	▲ 5.5%	▲ 63.9%	▲ 95.1%	17,714	▲ 15.1%	▲ 54.6%	▲ 82.9%

<sup>2</sup> Students enrolled within their permanent province of residence declared at admission; <sup>3</sup> Excludes students enrolled in offshore programs; <sup>4</sup> Provincial residents enrolled at all Maritime universities.

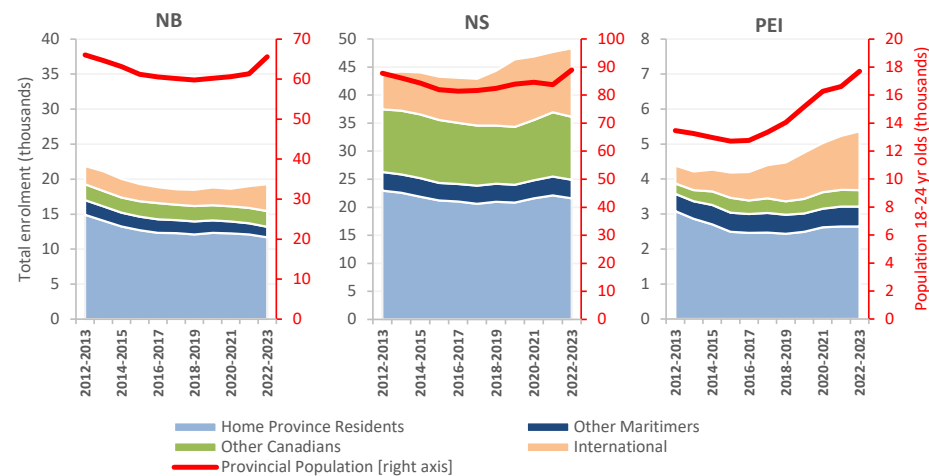
Table 5: Enrolment of International Students by Province, Institution, Reg. Status, and % of Total Enrolment

Table 9: Total Enrolment by Province of Study, Status of Student in Canada, Province of Residence and Level of Study

UNIVERSITY PARTICIPATION		2022-2023	Change Over		
			1 year	5 years	10 years
<b>Home Province Participation</b>	<b>NB</b>	15.2%	▼ -1.7 pp	▼ -2.0 pp	▼ -3.3 pp
<i>Number of students enrolled full-time in a university in their province of residence, divided by the provincial population aged 18-24<sup>5</sup>.</i>	<b>NS</b>	20.0%	▼ -1.6 pp	▼ -0.7 pp	▼ -1.2 pp
	<b>PEI</b>	13.5%	▼ -0.7 pp	▼ -2.7 pp	▼ -5.5 pp
<b>Maritime Participation</b>					
<i>Number of Maritimers enrolled full-time in a university in the Maritimes, divided by the Maritime population aged 18-24.</i>		<b>20.3%</b>	▼ -1.8 pp	▼ -2.0 pp	▼ -2.8 pp

<sup>5</sup> Provincial population data: Statistics Canada. Table 17-10-0005-01 Population estimates on July 1st, by age and sex available at: <https://doi.org/10.25318/1710000501-eng>. Statistics Canada updates population estimates from time to time, therefore previously published participation rate calculations may change.

#### KEY TRENDS IN DEMOGRAPHICS AND UNIVERSITY ENROLMENT BY STUDENT ORIGIN



ENROLMENT BY MAJOR FIELD OF STUDY <sup>6</sup>	Enrolment 2022-2023	Change Over			
		1 year	5 years	10 years	
New Brunswick					
Agriculture, natural resources and conservation	461	▼ -1.1%	▲ 0.9%	▲ 41.0%	
Architecture, engineering, and related technologies	1,766	▲ 2.0%	▼ -7.2%	▼ -18.4%	
Business, management and public administration	3,311	▲ 2.1%	▲ 15.0%	▼ -6.4%	
Education	1,754	▲ 4.9%	▲ 50.7%	▲ 11.8%	
Health and related fields	2,607	▲ 3.9%	▲ 8.6%	▼ -13.0%	
Humanities <sup>7</sup>	2,559	▼ -2.0%	▼ -16.6%	▼ -39.6%	
Mathematics, computer and information sciences	1,072	▲ 17.2%	▲ 45.5%	▲ 76.3%	
Physical and life sciences and technologies <sup>8</sup>	1,760	▼ -4.9%	▼ -4.7%	▼ -17.3%	
Social and behavioural sciences and law	2,467	▼ -6.3%	▲ 5.2%	▲ 10.2%	
Visual and performing arts	322	▼ -5.3%	▼ -0.6%	▼ -11.3%	
Other/Not Applicable <sup>9</sup>	1,188	▲ 13.4%	▼ -15.7%	▼ -30.5%	
Nova Scotia					
Agriculture, natural resources and conservation	1,209	▼ -1.1%	▲ 5.3%	▼ -12.6%	
Architecture, engineering, and related technologies	3,423	▼ -2.2%	▼ -8.6%	▲ 13.1%	
Business, management and public administration	10,504	▲ 6.0%	▲ 21.4%	▲ 18.2%	
Education	2,910	▼ -7.4%	▲ 23.4%	▲ 20.0%	
Health and related fields	8,049	▲ 7.9%	▲ 9.9%	▲ 20.1%	
Humanities	4,759	▼ -3.6%	▼ -0.6%	▼ -32.2%	
Mathematics, computer and information sciences	3,369	▲ 10.6%	▲ 87.8%	▲ 196.3%	
Physical and life sciences and technologies	5,865	▲ 1.2%	▲ 11.4%	▲ 11.5%	
Social and behavioural sciences and law	5,622	▼ -1.1%	▲ 11.1%	▲ 6.8%	
Visual and performing arts	1,003	▲ 2.6%	▼ -2.2%	▼ -14.0%	
Other/Not Applicable	1,625	▼ -18.0%	▼ -4.9%	▼ -7.6%	
Prince Edward Island					
Agriculture, natural resources and conservation	144	▲ 7.5%	▲ 140.0%	*	
Architecture, engineering, and related technologies	297	▲ 4.9%	▲ 32.0%	▲ 191.2%	
Business, management and public administration	957	▼ -3.0%	▲ 19.5%	▲ 24.3%	
Education	349	▼ -1.1%	▼ -2.8%	▼ -2.5%	
Health and related fields	1,038	▼ -0.7%	▲ 10.4%	▲ 34.3%	
Humanities	262	▼ -5.1%	▼ -34.5%	▼ -67.6%	
Mathematics, computer and information sciences	423	▲ 13.7%	▲ 122.6%	▲ 403.6%	
Physical and life sciences and technologies	773	▲ 4.7%	▲ 13.5%	▼ -1.3%	
Social and behavioural sciences and law	965	▲ 4.6%	▲ 96.5%	▲ 113.5%	
Visual and performing arts	39	▲ 18.2%	▼ -11.4%	▼ -4.9%	
Other/Not Applicable	117	▲ 33.0%	▼ -44.0%	▼ -40.6%	

<sup>6</sup> Major field of study categories are based on the Classification of Instructional Program (CIP) Canada 2016 primary groupings available at: <https://www.statcan.gc.ca/eng/subjects/standard/cip/2016/index>; <sup>7</sup> Includes General Arts;

<sup>8</sup> Includes General Sciences; <sup>9</sup> "Not applicable" - courses or other educational activities that are not within a program.

ENROLMENT BY MAJOR FIELD OF STUDY	Enrolment 2022-2023	Change Over					
		1 year		5 years		10 years	
Maritimes							
Agriculture, natural resources and conservation	1,814	▼	-0.5%	▲	8.9%	▲	5.0%
Architecture, engineering, and related technologies	5,486	▼	-0.5%	▼	-6.6%	▲	3.7%
Business, management and public administration	14,772	▲	4.4%	▲	19.8%	▲	12.0%
Education	5,013	▼	-3.0%	▲	29.1%	▲	15.2%
Health and related fields	11,694	▲	6.2%	▲	9.6%	▲	11.7%
Humanities	7,580	▼	-3.1%	▼	-8.2%	▼	-37.2%
Mathematics, computer and information sciences	4,864	▲	12.3%	▲	78.8%	▲	165.9%
Physical and life sciences and technologies	8,398	▲	0.2%	▲	7.7%	▲	2.8%
Social and behavioural sciences and law	9,054	▼	-2.0%	▲	14.7%	▲	13.8%
Visual and performing arts	1,364	▲	1.0%	▼	-2.2%	▼	-13.1%
Other/Not Applicable	2,930	▼	-6.0%	▼	-11.9%	▼	-20.1%

Table 7: Total Enrolment by Province, Major Field of Study, and Level of Study

