

**2022 Quacquarelli Symonds (QS) World University Rankings (WUR)**
**SUMMARY**

- In 2022, McMaster University increased 4 positions from the previous year and ranked 140<sup>th</sup> globally.
- McMaster holds the 6<sup>th</sup> highest rank amongst the Canadian institutions and the 2<sup>nd</sup> highest in Ontario.

**BACKGROUND**
**Quacquarelli Symonds (QS) World University Rankings**

QS is a United Kingdom based agency that specializes in the analysis of higher education institutions around the world. The QS World University Rankings (WUR) is an annual ranking of the world's top universities. The top 400 are ranked individually, whereas institutions 401 and over are ranked in groups.

To assess and rank each university's quality of education, faculty and research output, QS uses a combination of institutionally supplied data, bibliometric data from Elsevier, and QS's self-ran surveys to compute the following six weighted measures:

1. Academic reputation survey (40%);
2. Employer reputation survey (10%);
3. Faculty student ratio (20%);
4. Citations per faculty (20%);
5. Proportion of international students (5%); and
6. Proportion of international faculty (5%).

Please note for each of the indicators, QS uses normalized z-scores to rank and compare universities. A university's score is scaled between 1 and 100 and reflects the proportion of institutions that scored lower on the metric.

**CURRENT STATUS**

On June 8, 2021, QS released its annual ranking of the world's top universities. In total, eight Canadian universities were ranked among the world's top 200 institutions.

Overall, McMaster ranked 140<sup>th</sup> globally. This represents an increase of four positions compared to the 2021 edition of the WUR. Additionally, the University remained the second highest ranked university in Ontario and the sixth highest ranked university in Canada, behind the University of Toronto (26), McGill University (27), the University of British Columbia (46), the University of Montreal (111) and the University of Alberta (126).

Table 1 shows the Canadian universities that were ranked among the world's top 200 institutions in 2022, and for comparison their 2021 information. All the top ranked Canadian institutions increased their overall score in 2022. Waterloo and Western experienced the largest increases to their world rank by 17 and 33 positions, respectively.

**Table 1: QS WUR - Canadian Universities Ranked in the Top 200, 2021 vs. 2022**

	2021			2022			Δ 2021-2022		
	Total Score	Rank		Total Score	Rank		Total Score	Rank	
		Can.	World		Can.	World		Can.	World
Toronto	82.7	1	25	85.3	1	26	2.6	N/C	-1
McGill	80.0	2	31	84.0	2	27	4.0	N/C	4
UBC	74.8	3	45	77.1	3	46	2.3	N/C	-1
Montreal	54.3	4	118	57.3	4	111	3.0	N/C	7
Alberta	54.0	5	119	55.2	5	126	1.2	N/C	-7
<b>McMaster</b>	<b>51.5</b>	<b>6</b>	<b>144</b>	<b>52.7</b>	<b>6</b>	<b>140</b>	<b>1.2</b>	<b>N/C</b>	<b>4</b>
Waterloo	46.8	7	166	50.5	7	149	3.7	N/C	17
Western	42.6	8	203	47.5	8	170	4.9	N/C	33

N/C = No Change

Table 2 provides a breakdown of McMaster's 2022 WUR scores compared to the previous year. In 2022, McMaster's overall score increased by 1.2 points, to 52.7. McMaster's largest increase came in the Student/Faculty Ratio, where its adjusted score increased by 1.02 points.

**Table 2: McMaster's QS WUR Score by Weighted Measure, 2021 vs. 2022**

Metrics	2021 WUR		2022 WUR		(Δ)
	Score	Adjusted Score	Score	Adjusted Score	
Student/Faculty Ratio (20%)	81.4	16.28	86.5	17.3	1.02
Citation/Faculty Ratio (20%)	32.4	6.48	31.4	6.28	-0.2
% International Student (5%)	48.1	2.4	55.3	2.77	0.37
% International Faculty (5%)	99.3	4.97	99.5	4.98	0.01
Academic Reputation (40%)	40.7	16.28	39.9	15.96	-0.32
Employer Reputation (10%)	47.6	4.76	51.6	5.16	0.4
<b>Total Score*</b>		<b>51.5</b>		<b>52.7</b>	<b>1.2</b>

Note\* Sum of Adjusted Score will not necessarily add to Total Score due to QS scaling.