

**2023 QS World University Rankings by Subject and Faculty**

**SUMMARY**

- In 2023, McMaster was ranked as one of the world's top 350 universities in 27 subject areas and 5 faculties, including 48<sup>th</sup> in Life Sciences & Medicine.
- McMaster has 4 subject areas ranked in the top 50: Sports related Subjects (22), Nursing (24), Anatomy & Physiology (36) and Medicine (40).

**BACKGROUND**

**Subject Rankings**

Quacquarelli Symonds (QS) World University Rankings (WUR) by Subject is an annual ranking of the world's top universities in 54 subject areas. 3 new subject areas enter the 2023 rankings: History of Art, Data Science and Artificial Intelligence and Marketing. Typically, the top 50 scoring universities are ranked individually, whereas institutions ranked above 50 are placed into groups.

To assess and rank each university's quality of education, faculty and research output, QS uses the following five measures:

- Academic Reputation Survey
- Employer Reputation Survey
- Citations per paper
- H-Index
- International Research Network

**Faculty Rankings**

The QS WUR by Faculty scores and ranks universities in five faculty areas (i.e. Arts & Humanities, Engineering & Technology, Life Sciences & Medicine, Natural Sciences, Social Sciences and management). The Ranking applies the same methodology as the Subject level Rankings, and simply aggregates the Subject level information to associated Faculties.

**CURRENT STATUS**

On March 22, 2023, QS released its annual WUR by Subject and Faculty for 2023. It is important to note that QS constructs an institution's subject profile through citations and reputation votes in each subject area. Also, subjects are placed into respective Faculty areas by QS that may not align with McMaster's subject to Faculty mapping. For example, QS places "Material Science" under "Natural Sciences" and "Communication and Media Studies" under "Social Science and Management".

**QS WUR by Subject**

QS only provides a numerical rank to the top 350 institutions in each subject area. In total, McMaster was ranked as one of the world's top 350 institutions in 27 of the 54 subject areas. McMaster increased its rank in 3 of the subject areas, while increasing its score in 15 subject areas (please refer to Appendix A).

Table 1 shows the subject areas where the University ranked among the top 100 globally in 2023. McMaster has 4 subjects ranked in the top 50 internationally and 1 additional subject area that ranks in the top 100 (Theology, Divinity & Religious Studies) for a total of 5. This is a decrease of 1 subject area from 2022, when McMaster had 6 subject areas in the top 100 worldwide.

In 2023, Sports-Related Sciences ranked 22<sup>nd</sup> overall, surpassing Nursing as McMaster's highest ranked subject. Nursing fell 3 positions and sits at 24<sup>th</sup> overall. Anatomy & Physiology decreased 6 positions to 36<sup>th</sup> and Medicine decreased 3 positions to 40<sup>th</sup> from last year's ranking.

**Table 1: McMaster University, Top 100 Ranked Subjects, 2022 & 2023**

	2022		2023		Δ	
	Rank	Score	Rank	Score	Rank	Score
Sports-related	22	80.0	22	81.1	N/C	1.1
Nursing	21	86.3	24	85.9	-3	-0.4
Anatomy & Physiology	30	82.5	36	82.1	-6	-0.4
Medicine	37	81.7	40	80.1	-3	-1.6
Theology, Divinity & Religious Studies	101-130	61.0	51-100	63.3	Increase	2.3

N/R = Not Ranked / N/C = No Change / N/S = No Score

**QS WUR by Faculty**

Table 2 shows McMaster's faculty area rank in 2022 and 2023. In 2023, McMaster increased in rank in all faculty areas apart from Arts & Humanities, where it fell by 6 positions. Life Sciences & Medicine rose 1 position to 48<sup>th</sup> overall and is McMaster's only faculty in the top 50. McMaster had 3 subjects which rose in rank by double digits: Engineering & Technology (+22), Social Sciences & Management (+20) and Natural Sciences (+18). These faculty areas rose in rank considerably despite modest changes to their overall score. This suggests that the distribution of scores around McMaster in these faculty areas is extremely dense.

**Table 2: McMaster University, Faculty Area Rankings and Scores, 2022 & 2023**

	2022		2023		Δ	
	Rank	Score	Rank	Score	Rank	Score
Arts & Humanities	321	63.4	327	60.9	-6	-2.5
Engineering & Technology	236	70.2	214	69.3	22	-0.9
Life Sciences & Medicine	49	79.5	48	78.7	1	-0.8
Natural Sciences	275	67.4	257	67.2	18	-0.2
Social Sciences & Management	309	64.5	289	64.1	20	-0.4

**APPENDIX A: McMaster University Ranked Subjects, 2023 QS WUR by Subject**

		2022		2023			Δ	
		Subject Rank	Weighted Score	Subject Rank	Canada Rank	Weighted Score	Subject Rank	Weighted Score
Arts & Humanities	Archaeology	N/R	N/S	N/R	N/R	N/S	N/C	N/C
	Architecture	N/R	N/S	N/R	N/R	N/S	N/C	N/C
	Art & Design	N/R	39.2	N/R	N/R	36.5	N/C	-2.7
	Classics & Ancient History	N/R	52.8	N/R	N/R	55.2	N/C	2.4
	English Language & Literature	151-200	65.8	151-200	6	66.0	N/C	0.2
	History	201-220	61.5	201-230	9	63.0	N/C	1.5
	History of Art (New)	N/A	N/A	N/R	N/R	20.9	N/A	N/A
	Linguistics	201-250	58.6	251-300	11	56.0	Decrease	-2.6
	Modern Languages	N/R	53.1	N/R	N/R	47.1	N/C	-6
	Performing Arts	N/R	42.3	N/R	N/R	44.0	N/C	1.7
	Philosophy	N/R	54.5	N/R	N/R	54.2	N/C	-0.3
Theology, Divinity & Religious Studies	101-130	61.0	51-100	3	63.3	Increase	2.3	
Engineering & Technology	Computer Science & Information Systems	251-300	59.1	301-350	16	57.8	Decrease	-1.3
	Data Science and Artificial Intelligence (New)	N/A	N/A	N/R	N/R	60.2	N/A	N/A
	Engineering - Chemical	101-150	70.6	101-150	6	69.4	N/C	-1.2
	Engineering - Civil & Structural	201-220	62.5	151-200	9	66.5	Increase	4
	Engineering - Electrical & Electronic	151-200	66.9	151-200	7	64.8	N/C	-2.1
	Engineering - Mechanical, Aeronautical & Manufacturing	150	70.0	151-200	6	67.4	Decrease	-2.6
	Engineering - Mineral & Mining	N/R	59.4	N/R	N/R	61.0	N/C	1.6
	Engineering – Petroleum	N/R	N/S	N/R	N/R	N/S	N/C	N/C
Life Sciences & Medicine	Agriculture & Forestry	N/R	N/S	N/R	N/R	N/S	N/C	N/C
	Anatomy & Physiology	30	82.5	36	6	82.1	-6	-0.4
	Biological Sciences	151-200	68.7	151-200	6	66.8	N/C	-1.9
	Dentistry	N/R	40.4	N/R	N/R	40.2	N/C	-0.2
	Medicine	37	81.7	40	4	80.1	-3	-1.6
	Nursing	21	86.3	24	3	85.9	-3	-0.4
	Pharmacy and Pharmacology	N/R	N/S	N/R	N/R	N/S	N/C	N/C
	Psychology	151-200	68.3	151-200	6	62.3	N/C	-6
	Veterinary Science	N/R	57.5	N/R	N/R	56.1	N/C	-1.4
Natural Sciences	Chemistry	201-250	65.6	201-250	9	66.9	N/C	1.3
	Earth & Marine Sciences	N/R	68.8	N/R	N/R	67.9	N/C	-0.9
	Environmental Sciences	151-200	73.4	201-250	11	72.2	Decrease	-1.2
	Geography	201-210	65.2	151-200	10	66.5	Increase	1.3
	Geology	N/R	68.4	N/R	N/R	67.6	N/C	-0.8
	Geophysics	N/R	68.1	N/R	N/R	68.0	N/C	-0.1
	Materials Science	101-150	74.9	151-200	5	69.1	Decrease	-5.8
	Mathematics	89	73.5	151-200	7	67.6	Decrease	-5.9
Physics & Astronomy	251-300	63.0	251-300	7	63.7	N/C	0.7	

		2022		2023			Δ	
		Subject Rank	Weighted Score	Subject Rank	Canada Rank	Weighted Score	Subject Rank	Weighted Score
Social Sciences & Management	Accounting & Finance	251-300	59.1	251-300	14	57.8	N/C	-1.3
	Anthropology	N/R	N/S	N/R	N/R	N/S	N/C	N/C
	Business & Management Studies	251-300	61.9	251-300	12	61.8	N/C	-0.1
	Communication & Media Studies	N/R	62.0	N/R	N/R	62.6	N/C	0.6
	Development Studies	N/R	N/S	N/R	N/R	N/S	N/C	N/C
	Economics & Econometrics	251-300	59.6	251-300	12	59.8	N/C	0.2
	Education & Training	N/R	N/S	N/R	N/R	N/S	N/C	N/C
	Hospitality & Leisure Management	N/R	41.0	N/R	N/R	34.9	N/C	-6.1
	Law & Legal Studies	N/R	N/S	N/R	N/R	N/S	N/C	N/C
	Library & Information Management	N/R	57.7	N/R	N/R	59.9	N/C	2.2
	Marketing (New)	N/A	N/A	N/R	N/R	64.1	N/A	N/A
	Politics & International Studies	N/R	56.4	N/R	N/R	58.1	N/C	1.7
	Social Policy & Administration	101-120	68.3	101-130	3	67.6	N/C	-0.7
	Sociology	201-250	58.8	301-340	15	55.8	Decrease	-3
	Sports-related Subjects	22	80.0	22	6	81.1	N/C	1.1
Statistics & Operational Research	51-100	78.3	101-150	6	72.0	Decrease	-6.3	

N/R = Not Ranked / N/C = No Change / N/S = No Score / N/A = Not Applicable

Note: For its Faculty Area and Subject Level Rankings, QS may map certain subject areas under Faculty Areas that do not align with McMaster's subject to faculty mapping.