

2022 Times Higher Education (THE) World University Rankings (WUR) by Subject

SUMMARY

- In 2022, McMaster ranked 19th in the world in Clinical, Pre-Clinical and Health and 2nd in Canada. McMaster remained in the top 200 for Life Sciences and Psychology subject areas.

BACKGROUND

The Times Higher Education World University Rankings by Subject uses the same methodology as THE's WUR, calibrated by subject area:

1. Teaching (30%)

- Teaching reputation survey (15%)
- Students to academic staff (4.5%)
- Doctoral degrees by academic staff (6%)
- Doctoral degrees by bachelor degrees (2.25%)
- Institutional income per academic staff member (2.25%)

2. Research (30%)

- Research reputation survey (18%)
- Research income per academic staff member (6%)
- Papers by academic staff (6%)

3. Citations (30%)

4. Industry income (2.5%)

- Research Income from Industry per academic staff member

5. International Outlook (7.5%)

- % international students (2.5%)
- % international academic staff (2.5%)
- % publications with an international co-author (2.5%)

CURRENT STATUS

On November 3, 2021, THE released its annual WUR by Subject for 2022. This ranking is complementary to THE's WUR, with a further breakdown by major subject category.

THE WUR by Subject

Overall, McMaster's performance in the 2022 THE WUR Subject Ranking fell relative to the 2021 ranking, consistent with the drop in performance in the 2022 THE WUR over the previous year. McMaster decreased 8 positions in Clinical, Pre-Clinical and Health ranking 19th in the world and 2nd in Canada. McMaster's position across all subject areas either decreased or remained the same except for Arts and Humanities, where McMaster increased its position to 201-250th in the world.

Table 1 shows the subject areas where the University ranked globally and within the country. THE currently ranks institutions in 11 subject areas; however, McMaster is excluded from the Education and Law subject rankings since we do not offer these programs. In Canada, McMaster increased its position in three of the 9 subject areas. McMaster's largest national increase was by two positions in Arts and Humanities. McMaster's largest decrease came in physical sciences, falling to 401-500th globally and dropping 8 positions within Canada.

Table 1: McMaster University, THE Ranked Subjects, 2021 & 2022

	2021			2022			Δ		
	Canada Rank	World Rank	Score	Canada Rank	World Rank	Score	Canada Rank	World Rank	Score
Clinical, Pre-Clinical and Health	2	11	77.0	2	19	76.3	N/C	-8	-0.7
Life Sciences	4	79	60.4	5	101-125	56.1-58.1	-1	Decrease	-4.3-2.3
Physical Sciences	7	176-200	50.1-51.6	15	401-500	36.6-40.6	-8	Decrease	-9.5-15
Psychology	10	151-175	44.0-45.8	9	151-175	42.9-44.1	1	N/C	-2.9-0.1
Arts and Humanities	11	251-300	27.3-30.4	9	201-250	30.6-34.0	2	Increase	0.2-6.7
Social Sciences	9	251-300	35.3-37.8	8	251-300	35.8-38.2	1	N/C	-2-2.9
Business and Economics	8	151-175	43.9-45.3	9	201-250	38.2-41.3	-1	Decrease	-7.1-2.6
Computer Science	7	101-125	49.9-53.2	14	301-400	34.9-38.1	-7	Decrease	-18.3-11.8
Engineering and Technology	9	251-300	39.2-41.6	12	251-300	39.5-42.1	-3	N/C	-2.1-2.9

N/R = Not Ranked, N/C = No Change, N/A = Not Applicable

Table 2 presents the top five ranked Universities in Canada and how they rank by subject, both within Canada and worldwide. It is evident that McMaster's performance is heavily anchored in the Clinical, Pre-Clinical and Health subject area. Of the top five Canadian institutions, McMaster has only the Clinical, Pre-Clinical and Health subject area ranked in the top 100. Conversely, the top three Canadian Institutions have every subject ranked within the top 100 and the 5th ranked institution has three subjects in the top 100.

Table 2: Ranking by Subject of the Top Five Canadian Ranked Institutions

	Clinical, Pre-Clinical and Health		Life Sciences		Physical Sciences		Psychology		Arts and Humanities		Social Sciences		Business and Economics		Computer Science		Engineering and Technology	
	Can. Rank	World Rank	Can. Rank	World Rank	Can. Rank	World Rank	Can. Rank	World Rank	Can. Rank	World Rank	Can. Rank	World Rank	Can. Rank	World Rank	Can. Rank	World Rank	Can. Rank	World Rank
Toronto	1	5	1	25	1	27	2	19	1	15	1	26	1	28	1	24	1	26
UBC	4	40	2	33	2	46	1	13	3	59	2	35	2	35	4	49	2	49
McGill	3	29	3	49	3	74	3	41	2	35	3	52	3	64	5	54	3	73
McMaster	2	19	5	101-125	15	401-500	9	151-175	9	201-250	8	251-300	9	201-250	14	301-400	12	251-300
Montreal	6	85	6	151-175	12	301-400	14	176-200	4	101-125	4	101-125	4	76	2	34	14	251-300

