

2025 Shanghai Ranking's Global Ranking of Academic Subjects

Summary

On November 18, 2025, Shanghai Ranking Consultancy, the company that publishes the Academic Ranking of World Universities (ARWU), released the 2025 Global Ranking of Academic Subjects (GRAS). Approximately 2000 universities from 100 countries were published in this release across 57 subjects in five broad discipline areas. ***The University of Saskatchewan (USask) was ranked in 24 of these subject areas, including three placements within the Top 100: 34 in Water Resources and 76-100 in each of Agricultural Sciences and Earth Sciences.*** Other Top 200 placements included 101-150 in Dentistry & Oral Sciences, Veterinary Sciences, and Environmental Science & Engineering, as well as 151-200 in Atmospheric Science.

Ranking Methodology

These subject rankings have not changed any indicators since last year. The rankings are produced based on nine weighted indicators: four sit within World-Class Faculty (Laureate, HCR, Editor, and Leadership), two within World-Class Output (TJ and Award), High Quality Research (Q1), Research Impact (CNCI), and International Collaboration (IC). Different weights continue to be allocated to the indicators for different subjects. For example, Q1 accounted for 17.9 percent in Chemistry and 18.9 percent in Clinical Medicine, but 30.3 percent in each of Civil Engineering and Veterinary Sciences.

For an institution to be included in any subject ranking, it needed to meet a threshold in terms of research publications during the period 2020-2024. Note that the threshold may be different for different subject areas. Depending on the subject area, between 50 and 500 universities were ranked.

Area	Indicator	Weight ¹	Source
World-Class Faculty (Laureate, HCR, Editor, Leadership)	Laureate - number of full-time faculty members employed by an institution as of June 2025 who have received significant international academic awards within an Academic Subject.	0% - 14.0%	The awards were identified through Shanghai Ranking's Academic Excellence Survey ²
	HCR - Highly Cited Researchers (HCR) are faculty members at an institution who have demonstrated significant influence in their Academic Subjects, as selected by Clarivate.	0% - 15.4%	Clarivate's HCR List as issued in January 2025.
	Editor - number of faculty members employed by an institution who currently serve as chief editors of international journals indexed by SCIE, SSCI and AHCI.	4.7% - 19.4%	2023 Journal Citation Report (JCR) by Clarivate as of June 2024.
	Leadership - number of faculty members employed by an institution who currently hold leadership and senior executive positions in key international academic organizations as of July 2025.	0% - 5.1%	The key international academic organizations were identified through Shanghai Ranking's Academic Excellence Survey ²
World-Class Output (TJ and Award)	TJ - Top Journal Papers (TJ) is the number of papers published in Top Journals or Top Conferences within an Academic Subject by an institution during the period 2020-24.	10.0% - 34.5%	InCites - note that the journals and conferences were identified through Shanghai Ranking's Academic Excellence Survey ²
	Award - International Academic Awards (Award) refers to the total number of the staff of an institution winning a significant award in an Academic Subject during the period of 1901-2024.	0% - 21.7%	The awards were identified through Shanghai Ranking's Academic Excellence Survey ²
High Quality Research (Q1)	Q1 - The number of papers published by an institution in an Academic Subject within journals ranked in Q1 based on the Journal Impact Factor Quartile during 2020-24.	17.5% - 43.5%	InCites database
Research Impact (CNCI)	CNCI - Category Normalized Citation Impact (CNCI) is the ratio of citations of papers published by an institution in an Academic Subject relative to the average number of citations of papers in the same category, year, and type, during 2020-24.	4.3% - 20.0%	InCites database
International Collaboration (IC)	IC - The percentage of papers with international collaboration (IC) authored by an institution in an Academic Subject during the period 2020-24.	2.1% - 8.0%	InCites database

Notes:

1. Different weights were allocated to the indicators for different subjects.

2. *The Academic Excellence Survey is a survey of deans, chairs, and department heads of the Top 100 universities. The survey asks respondents to identify top journals, international awards, as well as key international organizations, each within their respective subject areas.*

For more information about GRAS methodology, please go to:

<https://www.shanghairanking.com/methodology/gras/2025>

Rankings of the University of Saskatchewan

USask was ranked in 24 of the 57 subject areas. Overall ranking results continued to be very strong with three outcomes within the Top 100 globally including placing 34 in Water Resources (#1 in Canada/U15), and 76-100 in each of Agricultural Sciences (4 in Canada, 3 in U15) and Earth Sciences (4 in Canada, 3 in U15).

There were four other Top 200 global placements including 101-150 in each of Dentistry & Oral Sciences (tied for 4 in Canada/U15), Environmental Science & Engineering (tied for 6 in Canada/U15), and Veterinary Sciences (tied for 5 in Canada, tied for 3 in U15), and 151-200 in Atmospheric Science (tied for 7 in Canada, tied for 6 in U15).

Additional positive global and/or national outcomes included 201-300 in each of Food Science & Technology (tied for 6 in Canada, tied for 5 in U15), Nanoscience & Nanotechnology (tied for 6 in Canada/U15), Chemistry (tied for 6 in Canada/U15), Statistics (tied for 8 in Canada, tied for 7 in U15), Energy Science & Engineering (tied for 8 in Canada, tied for 6 in U15), Computer Science & Engineering (tied for 9 in Canada, tied for 7 in U15), and Medical Technology (tied for 10 in Canada, tied for 9 in U15).

USask received subject rankings for the following subjects after not being ranked in the prior year: Statistics (201-300), Physics (401-500), and Human Biological Sciences (401-500). No rankings were received this year in Law, Pharmacy & Pharmaceutical Sciences, Electrical & Electronic Engineering, and Psychology, after being ranked in 2024.

There were two new subjects of *Artificial Intelligence* and *Robotic Science & Engineering* added to this year's subject ranking.

The full table of all the results, including placements within Canada and the U15, follows on the next page.

USask Rankings in 2025 Global Ranking of Academic Subjects (GRAS)

Subject Area	World	Canad	U15	Subject Area	World	Canad	U15
Engineering				Medical Sciences			
Aerospace Engineering	100+	4+	1+	Clinical Medicine	401-500	16	14
Artificial Intelligence	400+	16+	9+	Dentistry & Oral Sciences	101-150	4*	4*
Automation & Control	200+	8+	6+	Medical Technology	201-300	10*	9*
Biomedical Engineering	300+	7+	7+	Nursing	300+	10+	9+
Biotechnology	301-400	7*	6*	Pharmacy & Pharmaceutical Sciences	500+	13+	12+
Chemical Engineering	301-400	9*	9*	Public Health	301-400	18	15
Civil Engineering	400+	17+	12+	Natural Sciences			
Computer Science & Engineering	201-300	9*	7*	Atmospheric Science	151-200	7*	6*
Electrical & Electronic Engineering	500+	27+	13+	Chemistry	201-300	6*	6*
Energy Science & Engineering	201-300	8*	6*	Earth Sciences	76-100	4	3
Environmental Science & Engineering	101-150	6*	6*	Ecology	301-400	21*	10*
Food Science & Technology	201-300	6*	5*	Geography	200+	13+	9+
Instruments Science & Technology	400+	12+	8+	Mathematics	500+	18+	12+
Marine/Ocean Engineering	100+	0+	0+	Oceanography	200+	11+	8+
Materials Science & Engineering	301-400	8*	8*	Physics	401-500	14	10
Mechanical Engineering	400+	17+	11+	Social Sciences			
Metallurgical Engineering	300+	10+	8+	Business Administration	400+	19+	11+
Mining & Mineral Engineering	100+	5+	4+	Communication	200+	6+	3+
Nanoscience & Nanotechnology	201-300	6*	6*	Economics	500+	19+	12+
Remote Sensing	200+	9+	5+	Education	401-500	17*	13
Robotic Science & Engineering	100+	2+	2+	Finance	200+	7+	6+
Telecommunication Engineering	400+	27+	13+	Hospitality & Tourism Management	100+	5+	3+
Textile Science & Engineering	50+	0+	0+	Law	200+	11+	8+
Transportation Science & Technology	200+	13+	8+	Library & Information Science	100+	3+	3+
Water Resources	34	1	1	Management	500+	21+	12+
Life Sciences				Political Sciences	300+	18+	11+
Agricultural Sciences	76-100	4	3	Psychology	500+	25+	15
Biological Sciences	301-400	14*	11*	Public Administration	100+	2+	0+
Human Biological Sciences	401-500	16*	14	Sociology	300+	16+	10+
Veterinary Sciences	101-150	5	3	Statistics	201-300	8*	7*

Notes:

1. Depending on the subject area, between 50 and 500 universities were ranked.
2. Light grey fonts indicate that the USask was not ranked in the subject area, while XXX+ universities were ranked.
3. An asterisk (*) indicates a tie.

For more information, please contact [Assessment and Analytics](#) in the Office of the Provost and VP Academic.