

2015 Academic Rankings of World Universities

Summary

The Shanghai Ranking Consultancy released its 2015 Academic Ranking of World Universities (ARWU), also known as the Shanghai Ranking, on August 15, 2015. In total, more than 1,200 universities were ranked and the top 500 were published. The University of Saskatchewan (U of S) was placed in the 301-400 category¹ - no change from last year.

Twenty Canadian universities were placed in the top 500. The University of Toronto was ranked the highest at 25th, followed by the University of British Columbia (40th), McGill University (64th) and McMaster University (96th). University of Alberta and University of Montreal were ranked 101-150. Dalhousie University, Laval University, Queen's University, Simon Fraser University, University of Calgary, University of Guelph, University of Ottawa, University of Victoria, University of Waterloo, and Western University were ranked 201-300. University of Manitoba was ranked 301-400 along with University of Saskatchewan. Carleton University and University of Quebec were ranked 401-500.

What is the ranking based on?

The Academic Ranking of World Universities is based on the weighted scores of six indicators (see below) collected from third party data with 40% of the weighting based on quality of faculty, 40% on research output, and 20% on quality of education and per capita performance combined.

Area	Indicator	Weight	Source
Quality of Education	Number of alumni winning Nobel Prizes in the sciences or Fields Medals in mathematics (Alumni)	10%	Official Nobel Prize site and International Mathematical Union for Fields Medals
	Number of staff winning Nobel Prizes in the sciences or Fields Medals in mathematics (Award)	20%	
Quality of Faculty	Number of highly cited researchers (top 250) in 21 broad subject categories (HiCi)	20%	Thomson Reuters websites
	Number of 'articles' or 'proceedings papers' published in Nature and Science over the last five years (N&S)	20%	
Research Output	Number of 'articles' or 'proceedings papers' indexed in Science Citation Index-Expanded and Social Sciences Citation Index in previous year (PUB)	20%	ARWU indicators/ university data from national agencies
	Per capita academic performance with respect to the size of an institution (PCP)	10%	

For more information about ARWU's ranking methodology, please go to: <http://www.shanghairanking.com/ARWU-Methodology-2015.html>

¹ The top 100 universities are ranked individually from 1st to 100th place. The remaining universities are ranked into the following categories: Top 101-150, Top 151-200, Top 201-300, Top 301-400, and Top 401-500.

Scores of the University of Saskatchewan

The following table illustrates the scores for the U of S on each of the six indicators that make up the Academic Ranking of World Universities.

	Alumni	Award	HiCi	N&S	PUB	PCP	OVERALL
U of S score	8.9 ¹	0	7.9	7.6	32.3	15.6	12.3²
Median score for U15 ³	0	0	14.6	13.8	36.9	18.8	16.2
U of S rank among U15	7th	4th ⁴	14th	15th	15th	15th	14th

¹ Indicator scores are calculated by dividing the actual indicator value by the top university value for that indicator and multiplying by 100. The U of S score of 15.5 on PCP does not mean that faculty at the university have on average 15.5 publications, rather it means the success of our university on PCP is 15.5% of the top university for this indicator.

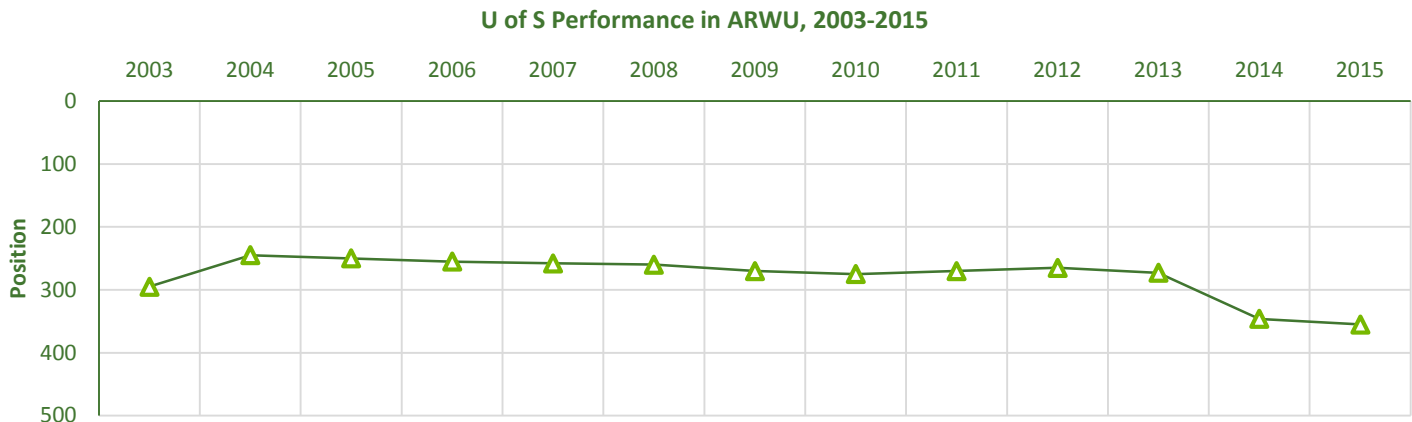
² ARWU does not publish scores for institutions that are ranked lower than the top 100. This score was determined based on a calculation using the scores and weights for the six individual indicators.

³ The U15 Group of Canadian Research Universities include University of Alberta, University of British Columbia, University of Calgary, Dalhousie University, Laval University, University of Manitoba, McGill University, McMaster University, University of Montreal, University of Ottawa, Queen's University, University of Saskatchewan, University of Toronto, University of Waterloo, and Western University.

⁴ U of S tied with 11 institutions at 0. Only three universities scored higher than 0 in this category.

Chronological Performance of the University of Saskatchewan from 2003 to 2015

The following chart illustrates the placement of the University of Saskatchewan in the Academic Ranking of World Universities since its inception in 2003.



Rankings by broad subject field

In addition to the overall ranking, the Shanghai Ranking Consultancy also published the top 200 universities in five broad subject fields: Natural Sciences and Mathematics (SCI), Engineering/Technology and Computer Sciences (ENG), Life and Agriculture Sciences (LIFE), Clinical Medicine and Pharmacy (MED), and Social Sciences (SOC). These rankings are compiled based on similar methodology with the overall ranking.

The U of S was not ranked in the top 200 in these subject fields in 2015. The following table illustrates the placement of U15 universities in the broad subject field rankings in 2015.

University	SCI	ENG	LIFE	MED	SOC	Total number of fields in the top 200
University of Toronto	37	23	38	28	29	5
University of British Columbia	51-75	76-100	40	101-150	29	5
McGill University	101-150	101-150	26	38	51-75	5
University of Alberta	-	76-100	76-100	76-100	51-75	4
University of Montreal	-	101-150	101-150	101-150	76-100	4
McMaster University	151-200	-	-	46	51-75	3
University of Ottawa	-	-	-	151-200	151-200	2
Queen's University	-	-	-	151-200	151-200	2
University of Calgary	-	-	-	101-150	151-200	2
University of Laval	-	-	101-150	151-200	-	2
Waterloo University	-	47	-	-	151-200	2
University of Western Ontario	-	-	-	151-200	101-150	2
Dalhousie University	-	-	151-200	-	-	1
University of Manitoba	-	-	-	151-200	-	1
University of Saskatchewan	-	-	-	-	-	0

Rankings by subject

Currently, the Shanghai Ranking Consultancy only publishes rankings in five specific subjects: mathematics, physics, chemistry, computer science, and economics/business. The U of S was not ranked in the top 200 in these subjects.

For more information, visit

www.usask.ca/ipa