

2019 Academic Ranking of World Universities

Summary

The ShanghaiRanking Consultancy released its 2019 Academic Ranking of World Universities (ARWU), also known as the Shanghai Ranking, on August 15, 2019. In total, about 1,800 universities were ranked and the top 1,000 were published. The University of Saskatchewan (USask) placed in the 301-400 category¹, holding the same position for three consecutive years.

Eighteen Canadian universities were placed in the top 500. The University of Toronto continued to rank the highest at 24th, followed by the University of British Columbia (35th), McGill University and McMaster University (tied for 90th). University of Alberta ranked 101-150, while University of Calgary, University of Montreal, University of Ottawa, and University of Waterloo all ranked in the 151-200 category. Dalhousie University, Laval University, and Western University were each ranked 201-300. Queen's University, Simon Fraser University, University of Guelph, University of Manitoba and University of Victoria were ranked 301-400 along with University of Saskatchewan.

What is the ranking based on?

The ARWU ranking 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 according to Clarivate Analytics' 2018 list of Highly Cited Researchers as of December 6, 2018 (HiCi)	20%	Clarivate Analytics 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%	Clarivate Analytics websites
	Number of 'articles' or 'proceedings papers' indexed in Science Citation Index-Expanded and Social Sciences Citation Index in previous year (PUB)	20%	
Per Capita Performance	Per capita academic performance with respect to the size of an institution (PCP)	10%	ARWU indicators/ university data from national agencies

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, while the balance are Top 500 Candidates: 501-600, 601-700, 701-800, 801-900 and 901-1000.

For more information about ARWU’s ranking methodology, please go to: <http://www.shanghairanking.com/ARWU-Methodology-2019.html>

Scores for the University of Saskatchewan

The following table illustrates the scores for the USask on each of the six indicators that contribute to the ARWU ranking.

	Alumni	Award	HiCi	N&S	PUB	PCP	OVERALL
USask score	7.9 ¹	0	12.7	7.2	34.6	18.3	13.8²
Median score for U15 ³	7.9	0	18.0	13.3	45.8	22.9	19.6
<i>USask rank among U15</i>	<i>8th</i>	<i>6th⁴</i>	<i>11th⁵</i>	<i>13th⁶</i>	<i>15th</i>	<i>13th</i>	<i>14th</i>

¹ Indicator scores are calculated by dividing the actual indicator value by the top university value for that indicator and multiplying by 100. The USask score of 18.3 on PCP does not mean that faculty at the university have on average 18.3 publications, rather it means the success of our university on PCP is 18.3% 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.

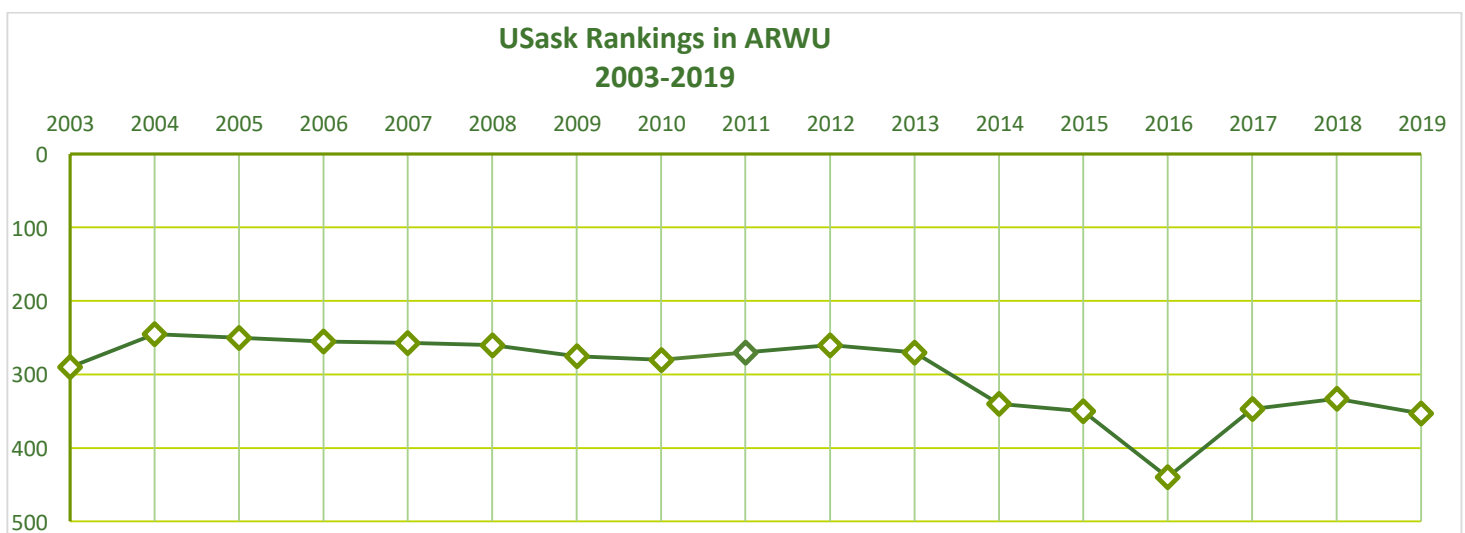
⁴ USask tied with nine other institutions at 0. Only five universities scored higher than 0 in this category.

⁵ USask tied with two other institutions.

⁶ USask tied with one other institution.

Historic Performance of the University of Saskatchewan from 2003 to 2019

USask consistently ranked in the 201-300 tier between 2003 and 2013, later experiencing a significant decline between 2014 and 2016, primarily due to changes to the methodology in determining Highly Cited Researchers. More recently this trend had been reversed as we improved from 401-500 to 301-400 in in 2017, and this year although we remained in the same grouping of 301-400, we did drop slightly to ~353 or by almost 20 positions.



For more information, visit

www.usask.ca/ipa