

**Table 4: Ruth's Rankings News Update August 2019 - ARWU Subject Rankings**

	Subject	Institution Name	Country /Region	Institution Name	Country /Region	Rank
<b>Natural Science</b>	Mathematics	Princeton U	US	Kyoto U	JP	20
	Physics	Mass Institute of Tech (MIT)	US	U Tokyo	JP	3
	Chemistry	U California, Berkeley	US	Kyoto U	JP	3
	Earth Sciences	U of Colorado, Boulder	US	U Tokyo	JP	20
	Geography	U of Oxford	UK	U Hong Kong	HK	26
	Ecology	U of Montpellier	FR	James Cook U	AU	9
	Oceanography	U of Washington	US	Ocean U China	CN	6
	Atmospheric Science	U of Colorado, Boulder	US	Peking U	CN	9
<b>Engineering</b>	Mechanical Eng	U of Cambridge	UK	Xi'an Jiaotong U	CN	2
	Electrical & Electronic Eng	MIT	US	Tsinghua U	CN	8
	Automation & Control	U of Illinois, Urbana-Champagne	US	Harbin Ins of Tech	CN	4
	Telecommunication Eng	Tsinghua U	CN	Top 5; 2	CN; SG	1-7
	Instruments Sci & Tech	Harbin Institute of Tech	CN	Top 8;1	CN;SG	1-9
	Biomedical Eng	Harvard U	US	Shanghai Jiaotong	CN	2
	Computer Sci & Eng	MIT	US	Tsinghua U	CN	7
	Civil Eng	Tongji U	CN	U Canterbury	NZ	8
	Chemical Eng	MIT	US	Tianjin U	CN	3

	Materials Science & Eng	MIT	US	Nanyang T U	SG	10
	Nanoscience & Nanotech	Nanyang Technological U - NTU	SG	Tsinghua U	CN	3
	Energy Science & Eng	NTU	SG	Tsinghua U	CN	3
	Environmental Sci & Eng	Stanford U	US	Tsinghua U	CN	12
	Water Resources	U of Arizona	US	Beijing Normal U	CN	3
	Food Science & Tech	Jiangnan U	CN	U Queensland	AU	23
	Biotechnology	Harvard U	US	Zhejiang U	CN	4
	Aerospace Engineering	Beihang U	CN	KAIST	KR	21
	Marine/Ocean Eng	Shanghai Jiaotong U	CN	U Western Aust	AU	7
	Transportation Sci & Tech	Beijing Jiaotong U	CN	U Sydney	AU	5
	Remote Sensing	Wuhan U	CN	U New South Wales	AU	13
	Mining & Mineral Eng	Central South U	CN	U Queensland	AU	3
	Metallurgical Eng	U of Science & Technology Beijing	CN	Tohoku U	JP	4
<b>Life Sciences</b>	Biological Sciences	Harvard U	US	Tokyo Institute of Tech	JP	20
	Human Biological Sciences	Harvard U	US	U Melbourne	AU	27
	Agricultural Sci	U of Wageningen	NL	China Agriculture U	CN	2
	Veterinary Sci	Ghent U	BE	<u>U Sydney</u>	<u>AU</u>	<u>18</u>
<b>Medical Sciences</b>	Clinical Medicine	U California, San Francisco	US	U Western Australia	AU	8
	Public Health	Harvard U	US	U Melbourne	AU	23
	Dentistry & Oral Sciences	U of Michigan	US	Osaka U	JP	16
	Nursing	U of Pennsylvania	US	Griffith U	AU	4

	Medical Technology	Harvard U	US	Seoul National U	KR	36
	Pharmacy & Pharmaceutical Sc	Harvard U	US	Monash U	AU	7
<b>Social Sciences</b>	Economics	U of Chicago	US	Ntl U Singapore -NUS	SG	26
	Statistics	Harvard U	US	NUS	SG	22
	Law	Harvard U	US	Griffith U	AU	29
	Political Sciences	Harvard U	US	Australian Ntl U	AU	30
	Sociology	Harvard U	US	U Melbourne	AU	39
	Education	Michigan State U	US	Monash	AU	17
	Communication	U of Amsterdam	NL	U Queensland	AU	38
	Psychology	Harvard U	US	U New South Wales	AU	37
	Business Administration	U of Pennsylvania	US	Monash U	AU	17
	Finance	New York U	US	U New South Wales	AU	18
	Management	Harvard U	US	NUS	SG	2
	Public Administration	Indiana U Bloomington	US	City U Hong Kong	HK	14
	Hospitality & Tourism Mgmt	H K Polytechnic U	HK	Griffith U	AU	2
	Library & Information Sci	Harvard U	US	City U Hong Kong	HK	5

NOTE: When an Asia-Pac university was tops in world, the top from the next regional country was listed, except for two engineering categories (shown in **red**)

<http://www.shanghairanking.com/ShanghaiRankings-Global-Ranking-of-Academic-Subjects-2019-Press-Release.html>

Subjects:: <http://www.shanghairanking.com/Shanghairanking-Subject-Rankings/index.html>