

**APPENDIX ONE: Tables 2-4: Comparison of QS subject rankings with THE, U.S. News, and ARWU**

**Table 2: 2020 Subject rankings from QS and Times Higher Education**

QS and THE use Elsevier data and release subjects separately from World Rankings. No World number one is the same. Two Asian and 4 Oceania rankings are the same. QS has 4 unique universities in the top World and Asian spots. THE has 6 in both.

	WORLD RANKINGS		ASIAN Rankings		OCEANIA RANKINGS	
Subject Categories	QS	THE	QS	THE	QS	THE
Arts & Humanities	Oxford	Stanford	NUS	Peking	Australia Ntl U	ANU/Melbourne
Engineering & Tech	MIT	Cal Tech	Nanyang Tech SG	Ntl U Singapore	U New So W	UNSW
Computer Science	MIT	Oxford	NUS	NUS	Melbourne	Melbourne
Life Sciences	Harvard	Cambridge	NUS	Tsinghua	Melbourne	Melbourne
Psychology	Harvard	Stanford	NUS	NUS	Melbourne	UNSW
Natural Sciences	MIT	Princeton	Tokyo	Peking	ANU	Melbourne
Social Sciences	Harvard	MIT	NUS	Peking	ANU	Melbourne
Education	U C London	Stanford	Hong Kong U	Hong K U	Melbourne	Monash

**RED:** QS' five broad categories which are also subjects in THE

<https://www.topuniversities.com/subject-rankings/2020>

<https://www.timeshighereducation.com/world-university-rankings/by-subject>

**SUBJECT CATEGORIES**

QS has rankings for 5 broad categories and 48 subjects; THE has 11 categories

QS and THE release their subject rankings separately from World Rankings

Arts & Humanities and Engineering & Technology - same for both rankings

QS: Life Sciences & Medicine; THE: Life Sciences

QS: Natural Sciences; THE: Physical Sciences

QS: Social Sciences and Management; THE: Social Sciences

QS: Computer Science and Information Systems

**Table 40- 3 2020 Subject rankings from QS and US News Global**

U.S. News incorporates its subject rankings with its world rankings. It uses Clarivate Analytics data. Two top World and Asian ranks are the same and one Oceania. QS has 3 unique world universities, 3 Asian and three Oceania. U.S. News has six world, five Asian and four Oceania.

	WORLD RANKINGS		ASIA RANKINGS		OCEANIA RANKINGS	
	QS	U.S. News	QS	US News	QS	US News
Agriculture & Forestry	<b>Wageningen U</b>	Wageningen U	<b>China Ag U</b>	China Ag U	<b>U Queensland</b>	U Tech Sydney
Computer Science	<b>MIT</b>	Tsinghua	<b>NUS</b>	Tsinghua	Melbourne	U Tech Sydney
Electrical Engineering	<b>MIT</b>	Harbin Tech	<b>NTU</b>	7 top 10	UNSW	U Tech Sydney
Materials Science	<b>MIT</b>	NTU	<b>NTU</b>	NTU	<b>UNSW</b>	Monash
Mathematics	<b>MIT</b>	Stanford	<b>NUS</b>	Peking U	U Melbourne	UNSW
Psychology	<b>Harvard</b>	Harvard	NUS	U Hong Kong	Melbourne	U Melbourne
<a href="https://www.usnews.com/education/best-global-universities/rankings?int=a27a09">https://www.usnews.com/education/best-global-universities/rankings?int=a27a09</a>						
<b>SUBJECT CATEGORIES</b>						
U.S. News has 28 separate subject categories released as part of the World Rankings						
Electrical and Electronic Engineering, Materials Science and Mathematics are the same						
QS: Agriculture and Forestry; U.S. News: Agricultural Sciences						
QS: Computer Science & Information Systems; U.S. News: Computer Science						
QS: Psychology; U.S. News: Psychology/Psychiatry						
Two subject categories are the same as Table 2. No university is first in all three						
See Table Four on next page						

**Table 4: Most Recent Subject Rankings from QS and ARWU**

ARWU releases subject data with its world rankings. These two rankers have the most subjects. ARWU specializes in Engineering. The highest overlap of categories is in Social Sciences. Nine categories are compared. Four of the World number ones, two of the Asian, and one of the Oceania are the same.

Two subjects were on all rankings:

**Computer Science:** World - MIT (2), Oxford and Tsinghua; Asia - NUS (2) and Tsinghua (2);

Oceania: Melbourne (2) U Tech Sydney and Adelaide

**Psychology:** Harvard (3) , NUS in two and U Hong Kong and Beijing Normal.

Subject Categories	WORLD RANKINGS		ASIA RANKINGS		OCEANIA RANKINGS	
	QS	ARWU	QS	ARWU	QS	ARWU
<b>Engineering &amp; Tech</b>						
Computer Science	MIT	MIT	NUS	Tsinghua	Melbourne	U Adelaide
Mineral & Mining	Colorado S of Mines	Central South U CN	Wuhan	Central South	Curtin	U Queensland
<b>Life Sciences &amp; Medicine</b>						
Agriculture & Forestry	Wageningen U	Wageningen	China Ag U	<b>China Ag U</b>	U Queensland	U Western AU
Nursing	University of Pennsylvania	University of Pennsylvani	Chinese U HK	Chang Gung TW	U Tech Sydney	Griffith U
<b>Physical Sciences</b>						
Mathematics	<b>MIT</b>	Princeton	NUS	Kyoto U	Melbourne	UNSW
<b>Social Sciences</b>						
Psychology	Harvard	Harvard	NUS	Beijing Normal	Melbourne	UNSW
Education	U C London	Michigan State	Hong Kong U	NTU	Melbourne	Monash
Library & Information Management	U of British Columbia	Harvard	NTU	City U HK	Victoria U of Wellington	Wuhan
Hospitality & Leisure	Ecole hôtelière de Lausanne	HK Polytechnic	HK Polytechnic	HK Polytechnic	Griffith	Griffith
<a href="http://www.shanghairanking.com/Shanghairanking-Subject-Rankings/index.html">http://www.shanghairanking.com/Shanghairanking-Subject-Rankings/index.html</a>						
ARWU Number one in all categories:						

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

SUBJECT HEADINGS					
ARWU arranges its <b>54 subjects under broad categories; no ranking for categories</b>					
ARWU uses Engineering					
ARWU: Computer Science & Engineering					
Minerals & Mining : QS - 5 of top 10 Australian; ARWU First non Asia/Pac -McGill (14)					
ARWU - Natural Sciences; Agricultural Sciences					
ARWU Life Sciences and Medical Sciences are two different categories					
ARWU Psychology: No Asian university in top 100; NUS ranked 201-300					
ARWU: Library & Information Science; some ranked schools do not have LIS programs					
ARWU Hospitality and Tourism Management					