

**TABLE 11. 2: Best Global Universities by Subject, including weights and top world and Asian universities by subject**

**Table 11.2 A: Weights for Subjects**

<b>Ranking Indicator</b>	<b>Weights for soft sciences</b>	<b>Weights for hard sciences</b>
Global research reputation	12.5%	12.5%
Regional research reputation	12.5%	12.5%
Publications	17.5%	15%
Normalized citation impact	7.5%	10%
Total citations	12%	15%
Number of publications that are among the 10 percent most cited	17.5%	15%
Percentage of total publications that are among the ten percent most cited	10%	10%
International collaboration	10%	10%

Soft sciences categories include computer science, economics and business, engineering. Social science, public health and mathematics

**Table 11.2 B: Best Global Universities by Subject – Global and Asian**

<b>Subject ESI Schema</b>	<b>Top in the World by Subject</b>	<b>Global Rank</b>	<b>Top in Asia with Global Rank by Subject</b>	<b>Global Rank</b>	
Agricultural Sciences	Wageningen University (NL)	134	China Agricultural University	4	390
Biology & Biochemistry	Harvard University	1	University of Tokyo	10	24
Chemistry	UC Berkeley	3	University of Tokyo	6	24
Clinical Medicine	Harvard University	1	University of Tokyo	60	24
Computer Science	MIT	2	Tsinghua University	7	67
Economics & Business	Harvard University	1	Hong Kong U Science & Technology	47	129
Engineering <sup>1</sup>	MIT	2	Tsinghua University	2	67
Environment & Ecology	UC Berkeley	3	Peking University	45	39
Geosciences	California U Tech	7	University of Tokyo	17	24

Immunology	Harvard University	1	Osaka University	8	111
Materials Science <sup>2</sup>	MIT	2	Fudan University	2	108
Microbiology	UC Berkeley	3	University of Hong Kong	9	42
Molecular Biology & Genetics	Harvard University	1	Tokyo University	13	24
Neuroscience & Behavior <sup>3</sup>	Harvard University	1	Tokyo University	61	24
Pharmacology & Toxicology	Harvard University	1	Seoul National University	12	72
Physics	MIT	2	Peking University	15	39
Plant & Animal Science	Cornell University	23	Tokyo University	7	24
Psychiatry/Psychology	Harvard University	1	None		
Social Science & Public Health	Harvard University	1	National University of Singapore	87	55
Space Science	Cal Tech	7	Tokyo University	25	24

Global university performance: The U.S. is number one in all fields except Agricultural Sciences; Harvard University is number one in nine categories

Asian university performance: Japan takes nine top spots with University of Tokyo claiming eight of them. China, Hong Kong, Singapore and South Korea are also represented.

1-Engineering 6/10 and 10 /20

2-Material Science 10 of top 20 – Asian

3-Neuroscience- Only 2 Asian in top 100