



QS World University Rankings by Subject 2024

Fact File

Universidade Estadual de Campinas (Unicamp)

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Welcome to the **QS World University Rankings by Subject 2024**

This file provides the results for your institution in the subjects and broad subject areas where you have been nominated for evaluation in our academic reputation survey, as well as the scores and ranks for those subjects where you made it into the published rankings table. It should also provide you with useful information for any media communication you might need to prepare prior to launch.

To produce the rankings for this year the team analysed the reputation and research output of almost 5,000 institutions. From this group, 1,559 were ranked across 55 narrow subjects and 5 broad subject areas, creating over 19,100 entries. These figures reflect some of the scale behind this huge undertaking that the team carries out in order to produce these subject rankings.

The contents on page 3 shows a summary of your scores in broad subject areas you have been analysed in, as well as ranks in the broad subject areas you are to be published in. Page 6 presents a summary of your institution's scores and ranks in narrow subjects.

In the Appendix (page 13) you will find an explanation of the weightings that make up the different subject tables, the evolution of the subject rankings exercise, the paper thresholds that we have used in this edition and an indication of the number of institutions analysed and ranked.

We hope you will find this useful.

**Rankings Team,
QS Institutional Performance Unit**

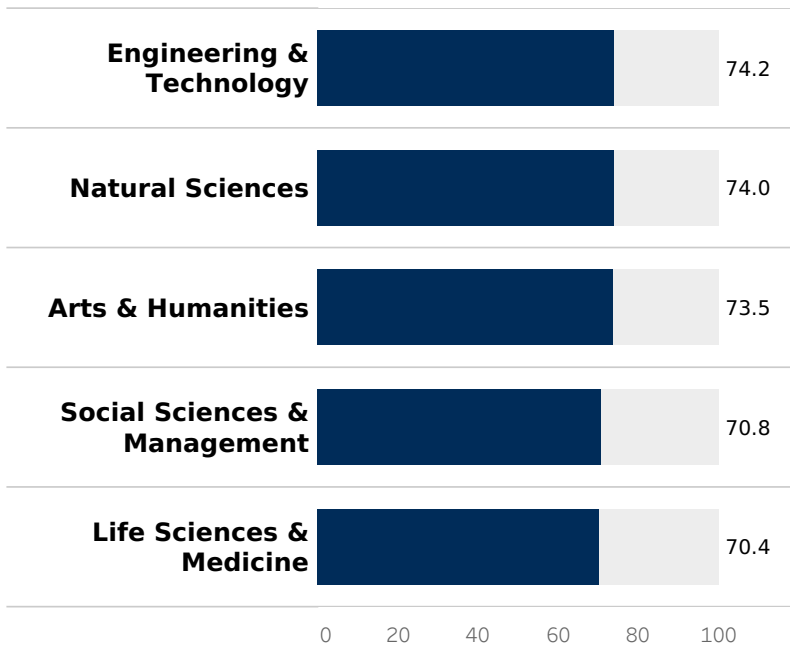
Broad Subject Rankings Summary

Universidade Estadual de Campinas (Unicamp)

	Arts & Humanities	Engineering & Technology	Life Sciences & Medicine	Natural Sciences	Social Sciences & Management
Overall ranks in 2024	129	=100	154	=123	=136

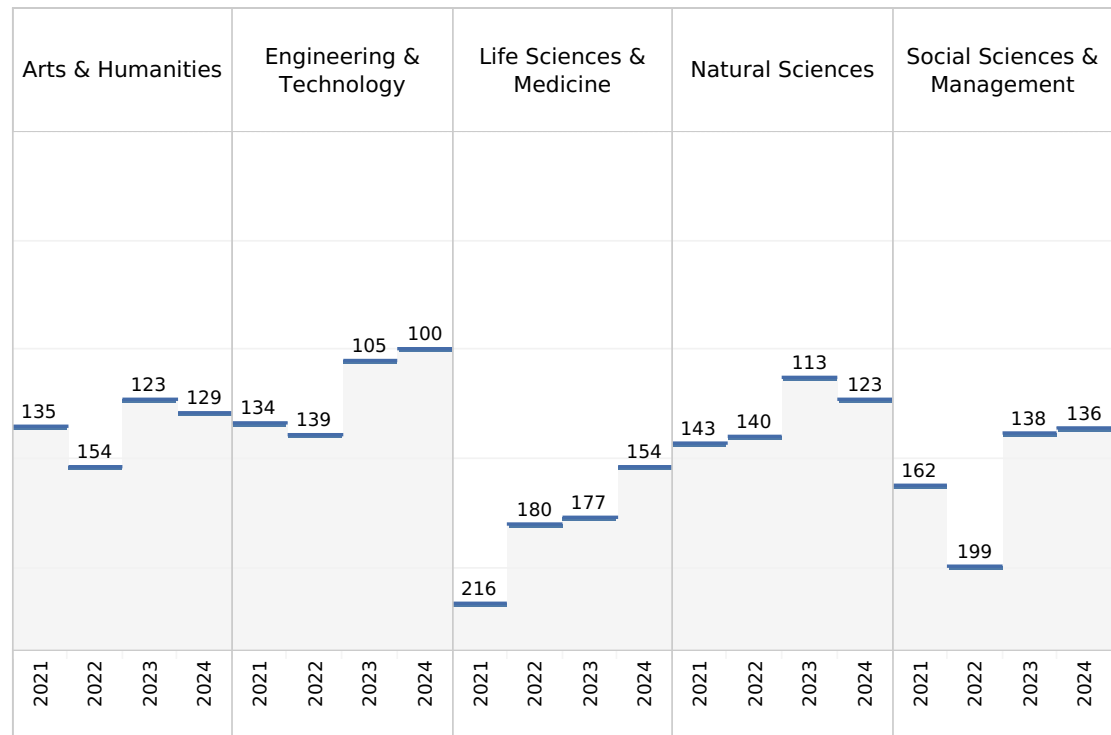
Overall Score by Broad Subject Area (0-100)

Rankings Year 2024



Overall Rank Trend by Broad Subject Area

Rankings Years 2021-2024



Broad Subject Areas - Overall Ranks and Scores by Indicator

Universidade Estadual de Campinas (Unicamp)

This page displays your institution's comprehensive performance by indicator for all broad subject areas where it meets the ranking criteria. Consult the methodology section for details on the minimum requirements for inclusion in the rankings.

	Score (0-100)						Overall Rank
	Academic	Employer	Citations	H-Index	IRN	Overall	
Arts & Humanities	79.2	76.6	58.4	56.1	41.2	73.5	129
Engineering & Technology	73.9	76.4	79.3	68.1	70.2	74.2	=100
Life Sciences & Medicine	75.5	75.9	77.1	59.5	52.5	70.4	154
Natural Sciences	75.8	77.2	79.2	69.9	59.1	74.0	=123
Social Sciences & Management	69.5	76.2	76.0	69.9	45.8	70.8	=136

If you have a displayed score in reputation and research indicators then you met the minimum reputation and research threshold for consideration. In this case, the only reason you are not ranked is that your score is not high enough to receive a published rank.

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Narrow Subject Rankings Overview

Universidade Estadual de Campinas (Unicamp)

Subjects Analysed	Subjects Ranked	Top 100 Subjects
42	32	9

Number of Ranked Subjects



Number of Subjects by Performance Groups - Trend Over Time

	2021	2022	2023	2024
Top 50	3	3	3	3
Top 100	5	8	9	9
Top 200	27	29	30	31
Top 300	29	31	33	32

2021 2022 2023 2024

Top Subjects - Universidade Estadual de Campinas (Unicamp) - QS Subject Rankings 2024

=22 Petroleum Engineering	23 Dentistry	45 Agriculture	51-100 Anthropology	=64 Chemical Engineering
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Narrow Subjects - Overall Rank and Scores by Indicator

If you have a displayed score in reputation and research indicators, then you have met the minimum threshold for consideration in these categories. If you are not ranked, it is because your score is not high enough to qualify for a published rank.

		Rank	Scores (0-100)				
			Overall	Academic	Employer	Citations	H-Index
Arts & Humanities	Archaeology	-					
	Architecture / Built Environment	101-150	63.3	60.0	75.2	78.0	60.0
	Art & Design	151-200	55.9	53.7	75.7		
	Classics & Ancient History	-	49.4	49.7	47.1		
	English Language & Literature	-					
	History	151-200	66.7	67.1	61.4	70.8	64.2
	History of Art, Architecture & Design	-	56.7	54.7	74.5		
	Linguistics	101-150	68.1	69.6	73.1	52.4	50.6
	Modern Languages	80	75.5	77.5	70.7		
	Music	-	46.4	47.4	42.4		
	Performing Arts	-	53.6	53.4	54.6		
	Philosophy	151-200	60.0	57.3	72.2	71.3	62.8
	Theology, Divinity & Religious Studies	-					
Social Sciences & Management	Accounting & Finance	-					
	Anthropology	51-100	75.0	79.2	55.3	67.3	73.1
	Business & Management Studies	-					
	Communication & Media Studies	-					
	Development Studies	101-130	69.4	72.4	72.1	68.8	56.0
	Economics & Econometrics	201-250	64.6	54.8	69.8	77.5	66.3
	Education	=98	73.4	74.8	76.9	72.4	69.0
	Hospitality & Leisure Management	-					
	Law	-					
	Library & Information Management	-					
	Marketing	-	53.3	42.4	76.4	44.7	47.1
	Politics & International Studies	151-200	59.2	58.5	67.9	51.3	44.1
	Social Policy & Administration	-					
	Sociology	72	73.6	76.4	73.3	65.2	63.2
	Sports-related Subjects	-					
Statistics & Operational Research	101-150	69.6	66.0	74.6	74.3	71.4	

Narrow Subjects - Overall Rank and Scores by Indicator (continued)

		Rank	Scores (0-100)					
			Overall	Academic	Employer	Citations	H-Index	IRN
Engineering & Technology	Computer Science & Information Systems	=103	68.9	64.8	75.1	71.6	67.0	62.8
	Data Science and Artificial Intelligence	-	57.9	39.9	70.3	73.4	65.6	
	Engineering - Chemical	=64	75.9	76.6	76.8	81.9	75.8	50.5
	Engineering - Civil & Structural	101-150	68.5	62.0	76.6	76.6	61.6	
	Engineering - Electrical & Electronic	=88	73.1	69.5	75.3	82.1	72.7	66.5
	Engineering - Mechanical, Aeronautical & ..	=148	67.6	58.5	76.4	80.3	69.0	52.0
	Engineering - Mineral & Mining	-						
	Petroleum Engineering	=22	75.1	72.0	72.4	83.0	80.6	
Life Sciences & Medicine	Agriculture & Forestry	45	74.1	66.9	79.9	89.6	91.6	54.9
	Anatomy & Physiology	101-150	71.9	64.2	76.1	80.3	74.3	
	Biological Sciences	151-200	65.8	68.1	73.6	72.3	55.9	55.2
	Dentistry	23	76.2	60.3	75.1	84.5	84.0	
	Medicine	=156	68.3	65.7	70.4	82.6	65.4	53.6
	Nursing	101-150	75.0	66.3	68.8	84.1	76.8	
	Pharmacy & Pharmacology	101-150	70.0	61.5	77.8	86.3	82.9	37.8
	Psychology	-						
	Veterinary Science	-	57.3	46.0	72.2	64.3	56.6	
Natural Sciences	Chemistry	=117	71.8	74.1	73.7	78.2	67.2	56.5
	Earth & Marine Sciences	-	67.8	64.1	72.7	77.7	76.5	40.9
	Environmental Sciences	=140	75.4	73.5	72.0	84.9	76.7	48.2
	Geography	101-150	71.5	72.6	62.7	75.5	69.0	
	Geology	-	67.7	62.7	75.0	79.0	70.6	40.0
	Geophysics	-	66.4	62.6	74.6	77.6	68.8	35.1
	Materials Science	151-200	69.4	64.7	72.4	77.5	71.1	65.5
	Mathematics	=117	70.2	69.9	70.2	74.2	71.6	62.9
	Physics & Astronomy	151-200	70.4	69.5	73.6	80.5	69.8	53.8

Receiving a score for a particular subject does not guarantee that we have checked for its presence at your institution. These checks are only carried out for institutions with a score high enough to receive a published rank in the subject. However, we encourage institutions to inform us about their subject coverage proactively:

<https://qs-hub2.qs.com/#>

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Narrow Subjects - Rank Trend

The table below presents the overall ranks in each subject in the 2021-2024 period.

Note that only the published ranks are provided. Institutions must meet minimum requirements to be considered in each subject.

		2021	2022	2023	2024
Arts & Humanities	Arts & Humanities	135=	154=	123=	129
	Archaeology	-	-	-	-
	Architecture / Built Environment	101-150	101-150	101-150	101-150
	Art & Design	151-200	151-200	201-240	151-200
	Classics & Ancient History	-	-	-	-
	English Language & Literature	-	-	-	-
	History	101-150	101-150	151-200	151-200
	History of Art			-	-
	Linguistics	101-150	151-200	151-200	101-150
	Modern Languages	88=	81=	76=	80
	Music				-
	Performing Arts	-	-	-	-
	Philosophy	151-200	151-200	101-150	151-200
	Theology, Divinity & Religious Studies	-	-	-	-
Social Sciences & Management	Social Sciences & Management	162	199=	138	=136
	Accounting & Finance	-	-	-	-
	Anthropology	101-120	101-140	51-100	51-100
	Business & Management Studies	-	-	-	-
	Communication & Media Studies	-	-	-	-
	Development Studies	-	51-100	51-100	101-130
	Economics & Econometrics	201-250	251-300	201-250	201-250
	Education	151-200	151-200	101-150	=98
	Hospitality & Leisure Management	-	-	-	-
	Law	-	-	-	-
	Library & Information Management	-	-	-	-
	Marketing			-	-
	Politics & International Studies	151-200	151-200	151-200	151-200
	Social Policy & Administration	-	-	-	-
	Sociology	101-150	100	86=	72
	Sports-related Subjects	-	-	-	-
	Statistics & Operational Research	101-150	101-150	101-150	101-150

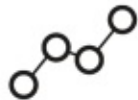
Narrow Subjects - Rank Trend (continued)

The table below presents the overall ranks in each subject in the 2021-2024 period.

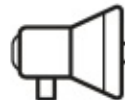
		2021	2022	2023	2024
Engineering & Technology	Engineering & Technology	134=	139=	105	=100
	Computer Science & Information Systems	113	118=	104=	=103
	Data Science and Artificial Intelligence			-	-
	Engineering - Chemical	87	81=	79	=64
	Engineering - Civil & Structural	151-200	151-200	101-150	101-150
	Engineering - Electrical & Electronic	116	91=	95=	=88
	Engineering - Mechanical, Aeronautical & Ma..	107=	124	141=	=148
	Engineering - Mineral & Mining	-	-	-	-
	Petroleum Engineering	28	31	24=	=22
Life Sciences & Medicine	Life Sciences & Medicine	216=	180	177=	154
	Agriculture & Forestry	49=	47	46	45
	Anatomy & Physiology	-	-	101-150	101-150
	Biological Sciences	151-200	151-200	151-200	151-200
	Dentistry	26	32	29=	23
	Medicine	201-250	201-250	151-200	=156
	Nursing	-	101-150	101-150	101-150
	Pharmacy & Pharmacology	101-150	101-150	151-200	101-150
	Psychology	-	-	-	-
	Veterinary Science	-	-	-	-
Natural Sciences	Natural Sciences	143=	140=	113=	=123
	Chemistry	120=	114	116=	=117
	Earth & Marine Sciences	-	-	201-230	-
	Environmental Sciences	151-200	151-200	151-200	=140
	Geography	101-150	101-150	101-150	101-150
	Geology	-	-	-	-
	Geophysics	-	-	-	-
	Materials Science	151-200	101-150	101-150	151-200
	Mathematics	151-200	124=	130=	=117
	Physics & Astronomy	129=	132=	151-200	151-200

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Methodology - Indicator Definitions

The QS World University Rankings by Subject utilise a set of indicators with variable weights. It's important to note that not every indicator is used across all subjects, depending on the relevance of the available data.

Academic Reputation

The Academic Reputation Index, central to the QS World University Rankings® and pivotal in the QS Subject Rankings, assesses global university performance. Launched by QS in 2004, this key metric draws on the insights of international academics to identify institutions that exemplify academic excellence. Their collective expertise sheds light on research quality, strategic partnerships, innovation, and the broader educational and societal influence of these universities.

Employer Reputation

The Employer Reputation metric stands out in global assessments by uniquely emphasizing employability—an aspect often overlooked by other major rankings. As the sole ranking to prioritize this critical facet of higher education, we recognize that for most undergraduates, the university's standing among employers is a decisive factor in their post-graduation success.

Citations per Paper

The Citations per Paper metric reflects the research impact and quality of institutions, based on a five-year publication and six-year citation window. For Subject Rankings, citations from specialized journals are doubly weighted, while institutions with fewer publications face adjusted citation counts to maintain equitable outcomes.

H-Index

The h-index quantifies a researcher's scholarly output and influence by tallying their most-cited works and the corresponding citation count. This index can extend to collective bodies like departments, institutions—our indicator's focus—or even entire countries and academic journals.

International Research Network (IRN)

The International Research Network (IRN) assesses an institution's global engagement by tracking its international research partnerships and resulting co-authored publications. Leveraging the Margalef Index, widely used in the Environmental Sciences, the IRN reflects the diversity and scope of an institution's research connections and the effectiveness of establishing these global networks.

Indicator Weightings by Broad Subject Area

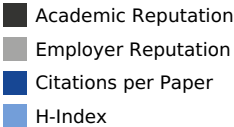


More details about the QS rankings methods can be found at support.qs.com

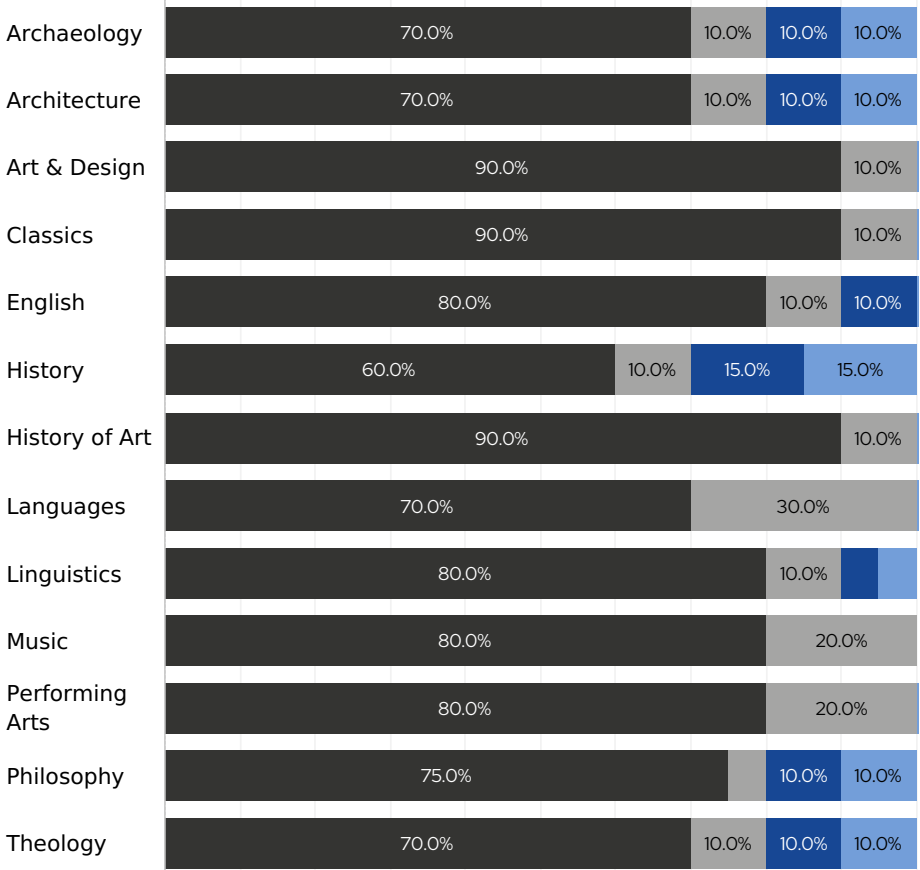
- Academic Reputation
- Employer Reputation
- Citations per Paper
- H-Index
- IRN

Indicator Weightings by Narrow Subject

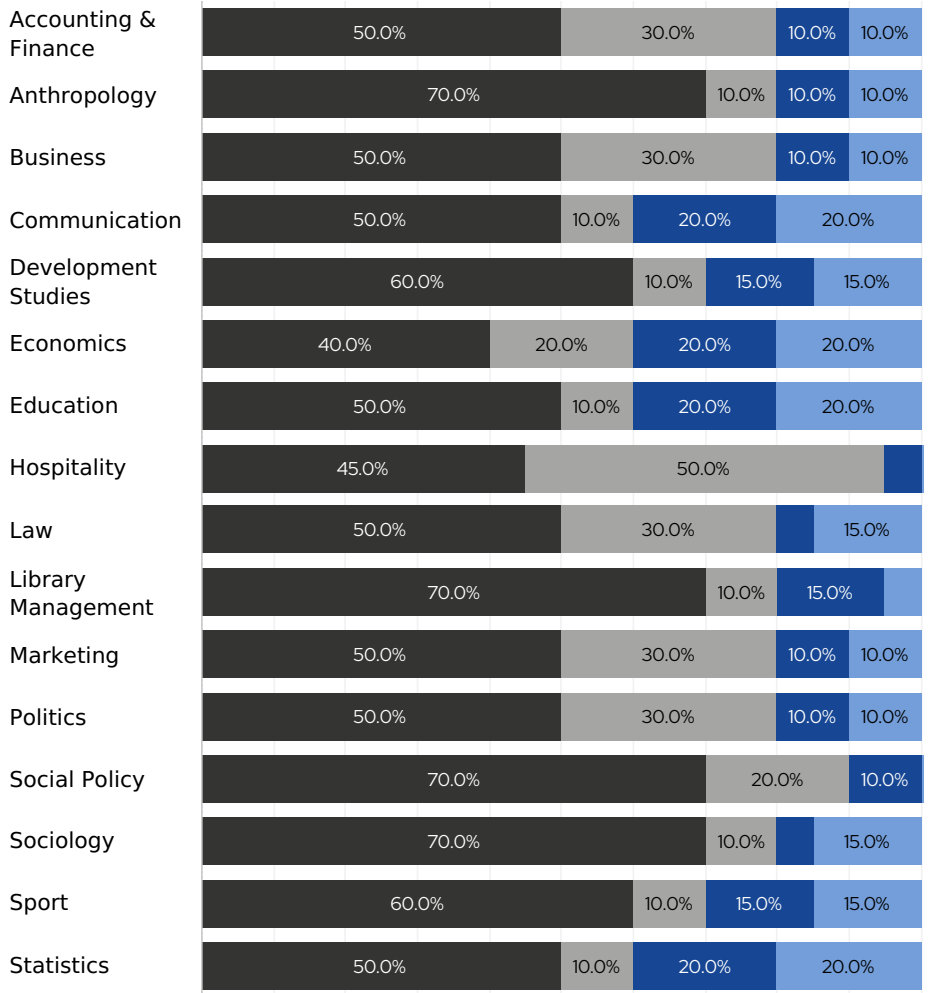
QS uses a variable approach to the weightings for the different subjects. The chart below provides details of the combinations used in the 2024 edition of the rankings.



Arts & Humanities

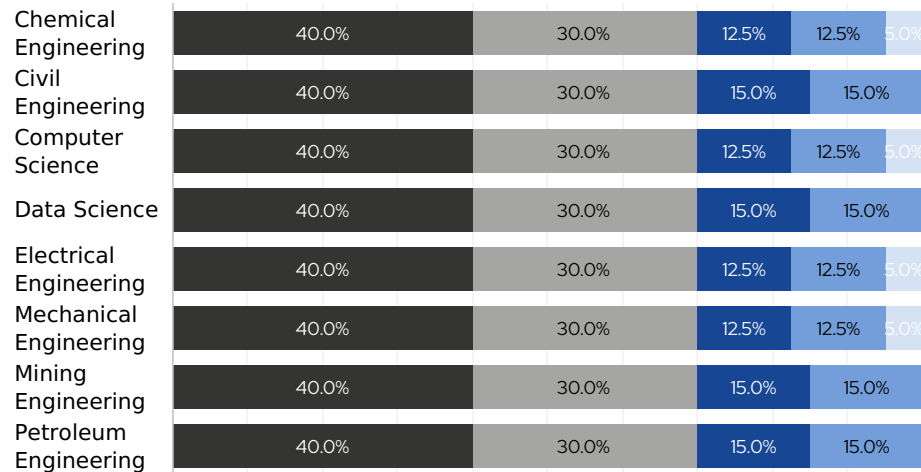


Social Sciences & Management

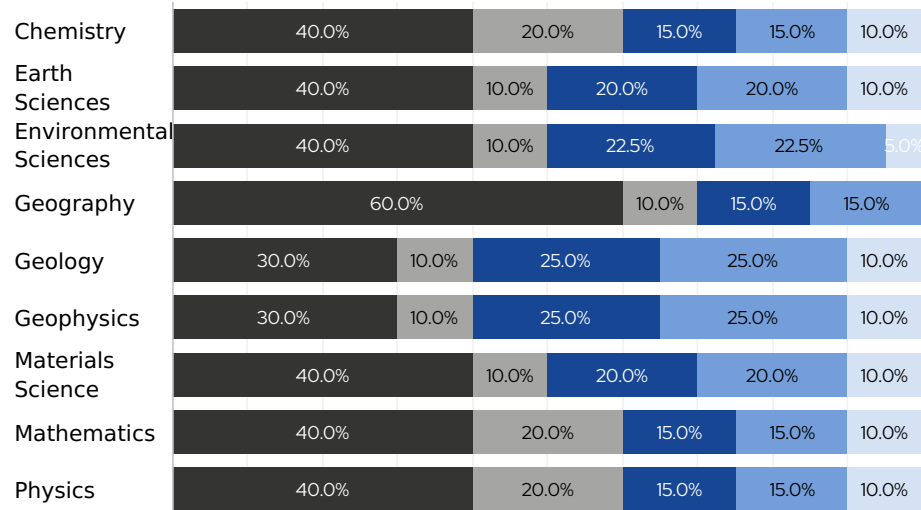


Indicator Weightings by Narrow Subject

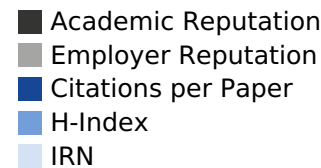
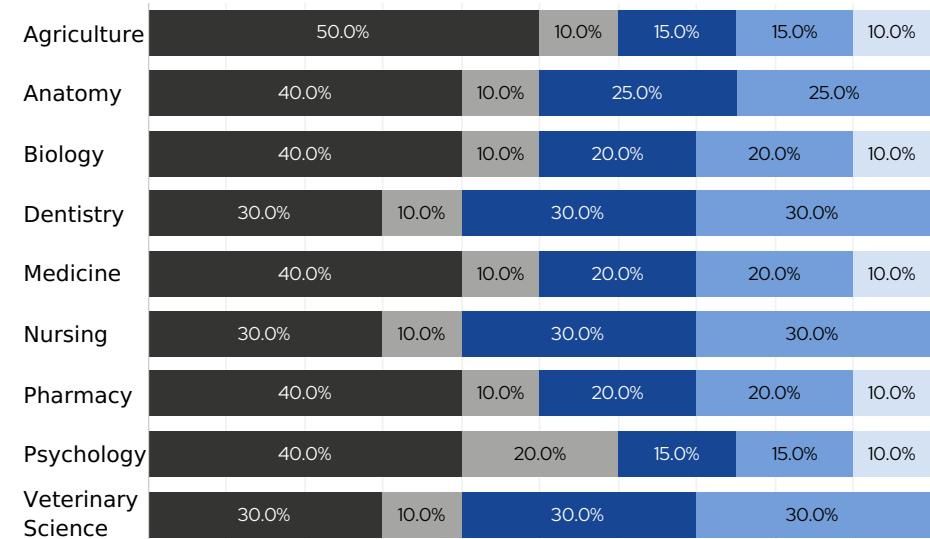
Engineering & Technology



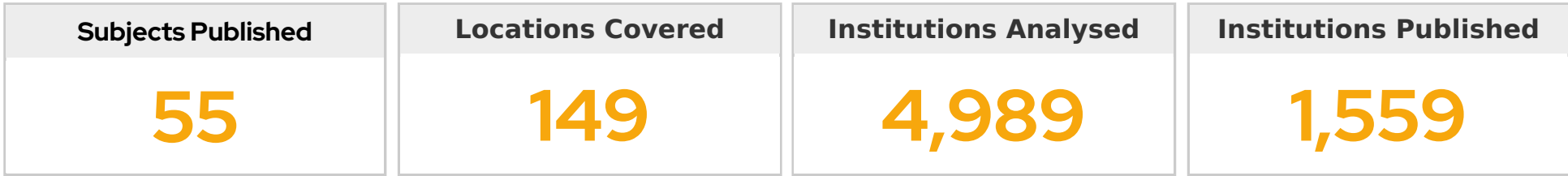
Natural Sciences



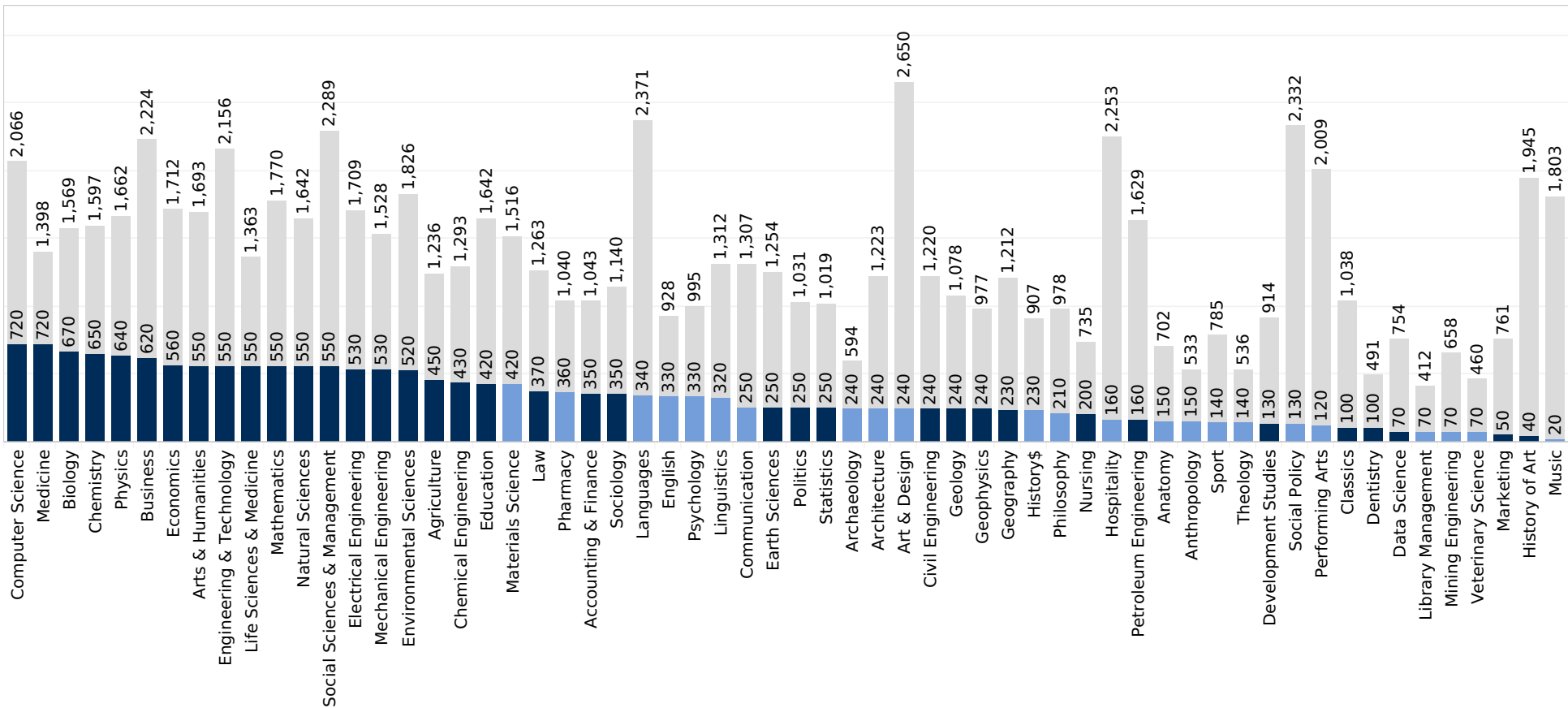
Life Sciences & Medicine



Institutions Evaluated and Ranked by Subject



Analysed and Published Institutions by Subject - Year 2024

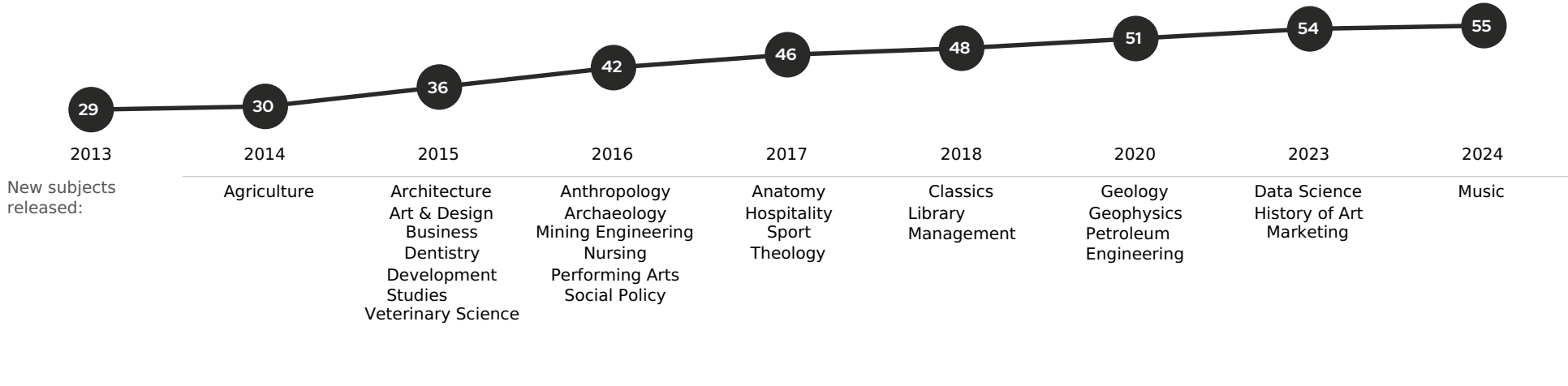


Darker blue indicates extended published ranges in 2024

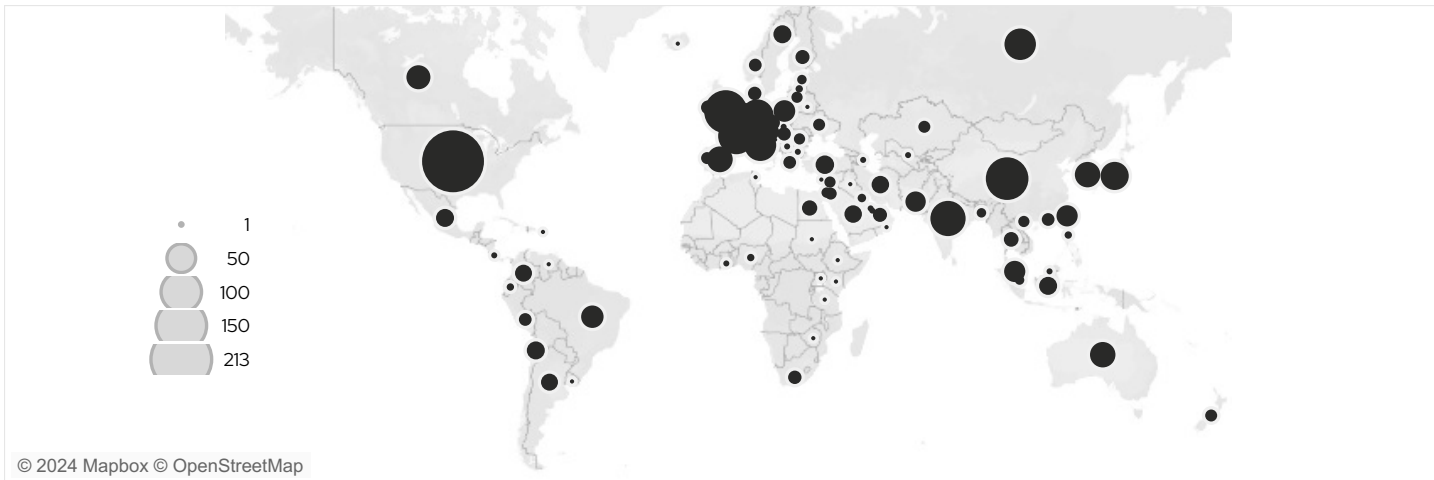
Evolution in Published Subjects

The **QS World University Rankings® by Subject** ranks the world's top universities in individual subject areas, covering 55 disciplines as of 2024. A list of the considered subjects, grouped by the year of first release, is presented below.

The chart below shows the evolution in the total number of published narrow subjects.



Published Institutions by Location



Top Locations by number of ranked institutions

United States	213
United Kingdom	103
China (Mainland)	101
France	74
India	69
Germany	60
Italy	56
Russia	55
Japan	44
Spain	37

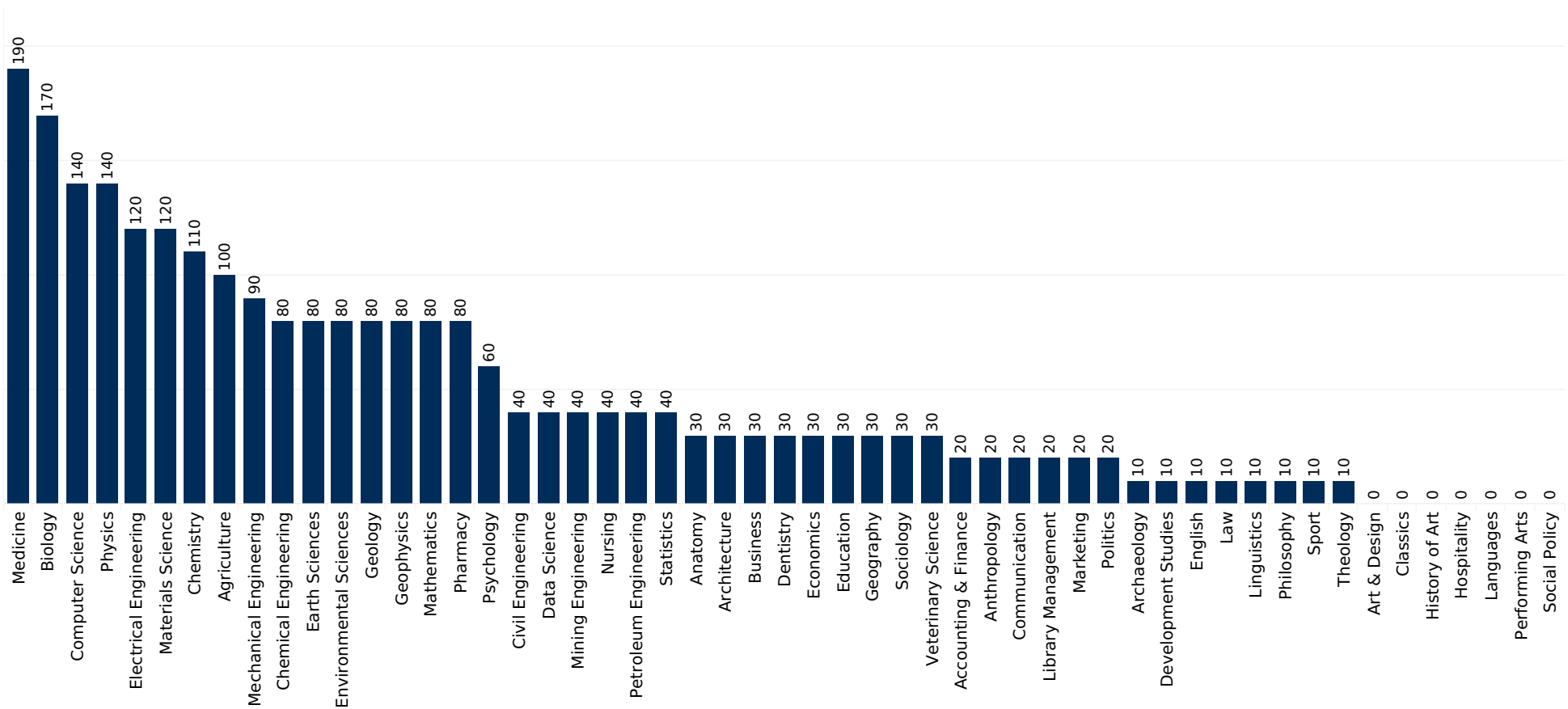
Minimum Research Activity Required

In order to feature in any discipline table, an institution must meet three simple prerequisites:

- Offer undergraduate or taught postgraduate programmes in the given discipline
- Exceed the minimum required score for the academic and/or employer reputation indicators
- Exceed the five-year threshold for number of papers published and indexed by Scopus in the given discipline

The following chart discloses the minimum number of papers required to be considered in the latest edition of the rankings by subject.

Number of Papers Threshold by Subject - Rankings Year 2024



QS Conferences 2024

Mark your calendar and start planning for these events



QS India Summit
8-11 Feb | Chennai, India
qshesummits.com/indiasummit



QS Higher Ed Summit: Middle East
27-29 Feb | Ras Al Khaimah, UAE
qshesummits.com/middle-east



QS China Summit
17-18 Apr | Shanghai, China
qshesummits.com/china



EduData Summit
4-5 Jun | Washington DC, USA
edudatasummit.com



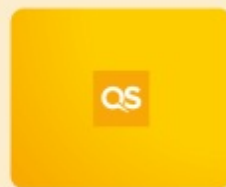
QS Higher Ed Summit: Europe
11-12 Jul & 10-11 (QS MoveOn Conference) | Barcelona, Spain
qshesummits.com/europe



QS Africa Forum
9-10 Sep | Accra, Ghana
qshesummits.com/qs-africa-forum-2024



QS Higher Ed Summit: Americas
2-3 Oct | Bogota, Colombia
qshesummits.com/americas



QS Arab Forum
9-10 Oct



QS Higher Ed Pre-Summit: Asia Pacific
1 Nov | Al-Farabi, Kazakhstan
qshesummits.com/asia-pacific



QS Higher Ed Summit: Asia Pacific
5-7 Nov | Macau, SAR China
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QS Higher Ed Post-Summit: Asia Pacific
8 Nov | Hong Kong, SAR China
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