QS World University Rankings by Subject 2024

Fact File

Universidade de São Paulo

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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 intitutions. 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.

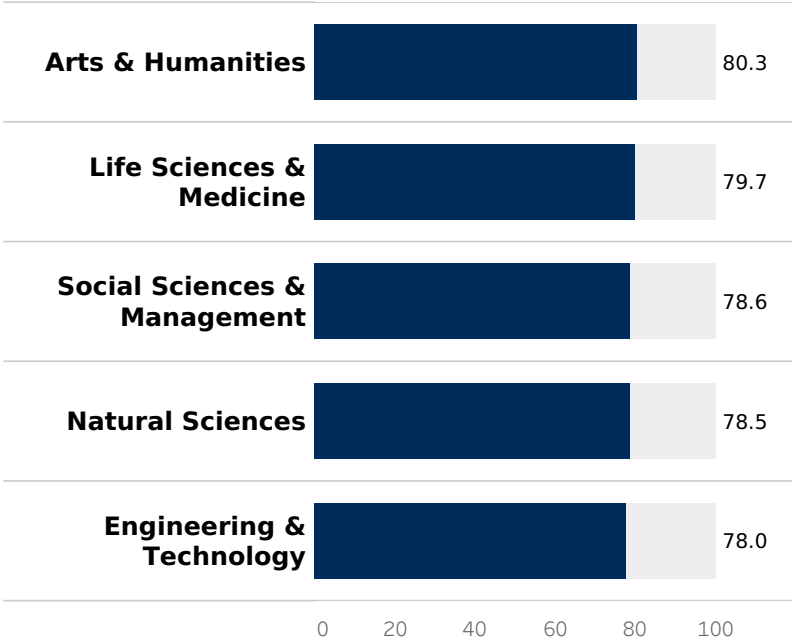
Rankings Team,
QS Institutional Performance Unit

Broad Subject Rankings Summary

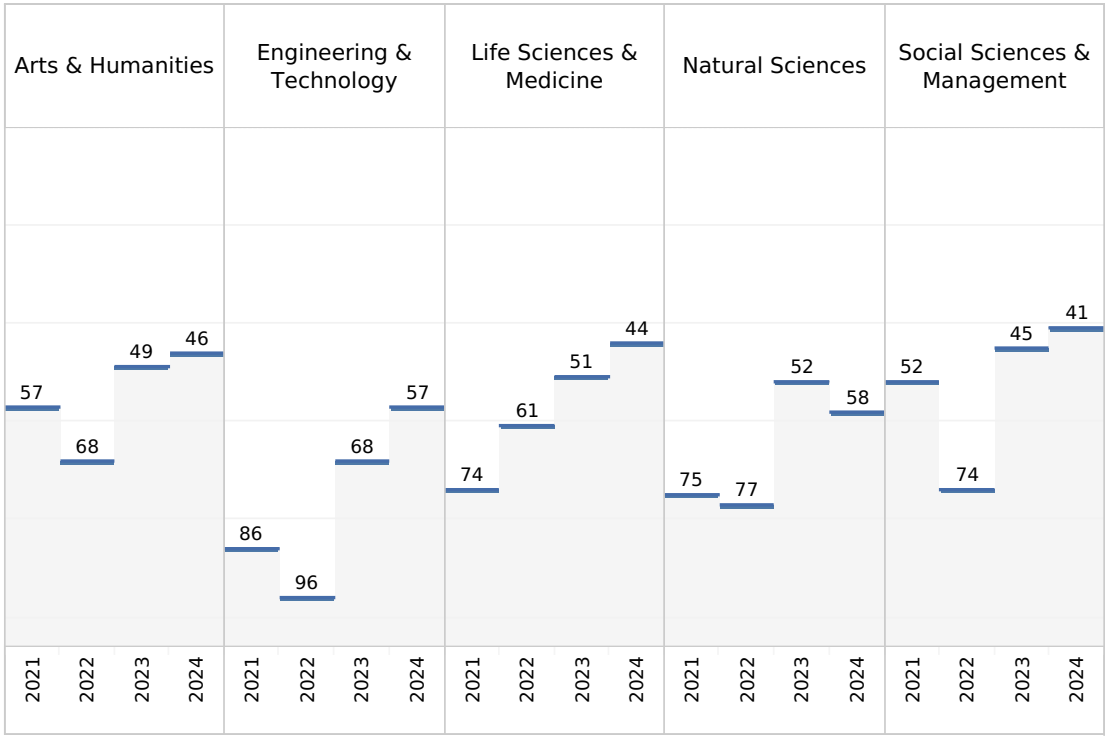
Universidade de São Paulo

	Arts & Humanities	Engineering & Technology	Life Sciences & Medicine	Natural Sciences	Social Sciences & Management
Overall ranks in 2024	46	57	=44	58	=41

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 de São Paulo

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	85.4	82.9	62.9	72.3	46.1	80.3	46
Engineering & Technology	75.7	82.7	77.3	71.3	80.9	78.0	57
Life Sciences & Medicine	83.0	79.7	77.3	74.9	80.6	79.7	=44
Natural Sciences	78.7	80.6	78.9	78.1	73.6	78.5	58
Social Sciences & Management	78.2	84.0	74.1	79.9	55.1	78.6	=41

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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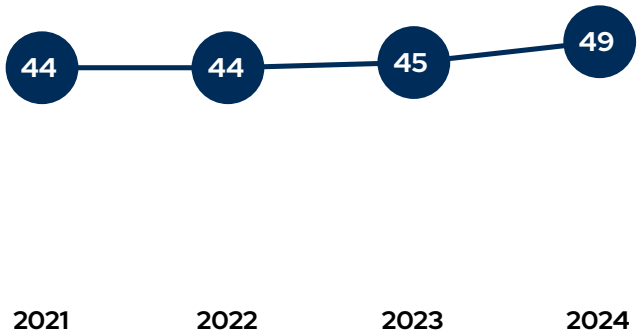
Narrow Subject Rankings Overview

Universidade de São Paulo

Subjects Analysed	Subjects Ranked	Top 100 Subjects
55	49	44

Number of Ranked Subjects



Number of Subjects by Performance Groups - Trend Over Time

	2021	2022	2023	2024
Top 50	13	11	12	16
Top 100	32	36	38	44
Top 200	44	44	45	49

Top Subjects - Universidade de São Paulo - QS Subject Rankings 2024

13	23	24	32	=34	=34
Dentistry	**Anthropology**	**Petroleum Engineering**	**Agriculture**	**Mining Engineering**	**Nursing**

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	=44	77.7	77.9	73.4	84.2	74.0
	Architecture / Built Environment	=39	72.9	69.9	81.9	81.8	76.1
	Art & Design	51-100	61.9	59.4	84.3		
	Classics & Ancient History	-	58.2	57.4	65.3		
	English Language & Literature	151-200	63.9	63.4	76.9	54.8	
	History	51-100	77.1	77.0	73.1	79.7	77.4
	History of Art, Architecture & Design	-	73.8	72.8	82.5		
	Linguistics	=88	71.5	71.5	82.9	58.7	60.8
	Modern Languages	46	80.7	81.7	78.2		
	Music	-	49.0	44.0	69.1		
	Performing Arts	-	54.9	50.9	70.7		
	Philosophy	51-100	64.7	65.0	77.3	64.0	57.0
	Theology, Divinity & Religious Studies	-	54.3	46.4	63.2	82.5	72.4
Social Sciences & Management	Accounting & Finance	69	71.8	70.7	78.8	62.8	64.9
	Anthropology	23	83.8	87.4	75.7	71.9	78.5
	Business & Management Studies	=70	75.1	71.5	76.8	75.5	87.9
	Communication & Media Studies	101-150	73.6	79.7	77.0	66.7	63.5
	Development Studies	51-100	74.3	73.1	77.8	78.0	72.9
	Economics & Econometrics	=137	68.0	58.5	77.4	76.0	69.6
	Education	=73	75.2	77.3	82.7	69.3	72.2
	Hospitality & Leisure Management	51-100	52.6	56.0	48.5	62.9	
	Law	=45	76.7	77.1	80.2	73.2	69.6
	Library & Information Management	51-70	66.9	59.2	90.0	85.1	72.9
	Marketing	-	67.9	61.4	82.9	59.6	63.6
	Politics & International Studies	51-100	71.4	69.0	77.5	72.3	64.4
	Social Policy & Administration	=42	79.1	82.9	75.0	60.6	
	Sociology	43	77.4	82.2	71.4	61.7	64.0
	Sports-related Subjects	=44	79.0	75.8	74.4	82.7	91.0
	Statistics & Operational Research	51-100	78.9	74.6	81.5	79.5	87.6

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	=80	70.7	63.2	81.0	71.5	70.2	67.5
	Data Science and Artificial Intelligence	51-70	65.5	50.8	76.0	74.2	75.0	
	Engineering - Chemical	72	75.2	71.8	80.0	78.1	74.9	66.9
	Engineering - Civil & Structural	38	78.9	73.3	87.2	81.4	74.5	
	Engineering - Electrical & Electronic	75	73.9	68.0	79.6	82.1	75.8	61.8
	Engineering - Mechanical, Aeronautical & ..	=68	74.4	69.7	79.7	79.8	77.0	60.4
	Engineering - Mineral & Mining	=34	69.7	50.3	83.9	80.8	82.1	
	Petroleum Engineering	24	75.0	70.8	73.6	81.3	82.6	
Life Sciences & Medicine	Agriculture & Forestry	32	76.9	68.6	86.8	80.6	93.2	78.1
	Anatomy & Physiology	51-100	78.4	72.1	80.6	79.8	86.1	
	Biological Sciences	=57	74.3	77.0	80.3	71.6	67.4	76.2
	Dentistry	13	80.6	69.1	65.3	85.4	92.5	
	Medicine	53	78.4	72.2	77.5	85.9	81.3	83.5
	Nursing	=34	83.9	75.6	79.1	84.4	93.2	
	Pharmacy & Pharmacology	=44	78.3	72.1	82.3	84.5	91.6	60.2
	Psychology	=90	71.5	68.1	82.3	70.2	75.4	59.9
	Veterinary Science	51-70	76.2	65.8	83.5	77.5	83.0	
Natural Sciences	Chemistry	70	75.4	75.1	80.5	76.3	70.1	72.5
	Earth & Marine Sciences	51-100	78.0	74.0	75.1	83.2	87.8	66.9
	Environmental Sciences	=44	82.9	85.7	77.6	83.0	82.8	70.8
	Geography	51-100	78.2	80.1	75.0	76.7	74.3	
	Geology	51-100	78.1	72.8	76.3	83.5	84.9	65.5
	Geophysics	101-150	77.7	72.6	76.3	83.4	84.3	63.7
	Materials Science	101-150	70.7	67.6	79.1	72.8	71.1	69.6
	Mathematics	87	72.5	70.7	77.3	72.4	74.9	66.5
	Physics & Astronomy	=70	76.6	72.8	77.0	80.0	80.7	80.0

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	57	68=	49	46
	Archaeology	-	-	-	=44
	Architecture / Built Environment	48=	44	44=	=39
	Art & Design	51-100	51-100	51-100	51-100
	Classics & Ancient History	-	-	-	-
	English Language & Literature	151-200	151-200	151-200	151-200
	History	51-100	51-100	51-100	51-100
	History of Art			-	-
	Linguistics	151-200	151-200	151-200	=88
	Modern Languages	47	41=	41=	46
	Music				-
	Performing Arts	-	-	-	-
	Philosophy	151-200	151-200	101-150	51-100
	Theology, Divinity & Religious Studies	-	-	-	-
Social Sciences & Management	Social Sciences & Management	52=	74=	45=	=41
	Accounting & Finance	101-150	92=	92=	69
	Anthropology	44=	42=	27=	23
	Business & Management Studies	90=	97=	82=	=70
	Communication & Media Studies	101-150	101-150	101-150	101-150
	Development Studies	-	-	-	51-100
	Economics & Econometrics	123=	137=	141=	=137
	Education	101-150	101-150	97=	=73
	Hospitality & Leisure Management	37=	51-100	51-100	51-100
	Law	46=	51=	47=	=45
	Library & Information Management	-	-	51-70	51-70
	Marketing			-	-
	Politics & International Studies	50	51-100	51-100	51-100
	Social Policy & Administration	-	-	-	=42
	Sociology	63=	49=	44	43
	Sports-related Subjects	51-100	49=	51-100	=44
	Statistics & Operational Research	51-100	51-100	51-100	51-100

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	86=	96=	68=	57
	Computer Science & Information Systems	79=	89=	86=	=80
	Data Science and Artificial Intelligence			-	51-70
	Engineering - Chemical	73	81=	84=	72
	Engineering - Civil & Structural	39=	51-100	45=	38
	Engineering - Electrical & Electronic	102=	95	80=	75
	Engineering - Mechanical, Aeronautical & Ma..	61	70=	76=	=68
	Engineering - Mineral & Mining	34	31	30	=34
	Petroleum Engineering	29	32	24=	24
Life Sciences & Medicine	Life Sciences & Medicine	74=	61	51=	=44
	Agriculture & Forestry	46=	48=	28	32
	Anatomy & Physiology	51-100	51-100	51-100	51-100
	Biological Sciences	106=	93=	61	=57
	Dentistry	13	15	14	13
	Medicine	85=	77	64	53
	Nursing	51-100	51-100	36	=34
	Pharmacy & Pharmacology	65	63	56=	=44
	Psychology	101-150	101-150	101-150	=90
	Veterinary Science	40=	41	42	51-70
Natural Sciences	Natural Sciences	75	77	52	58
	Chemistry	108	92=	90=	70
	Earth & Marine Sciences	51-100	51-100	51-100	51-100
	Environmental Sciences	71=	66=	54	=44
	Geography	46	38	51-100	51-100
	Geology	51-100	51-100	51-100	51-100
	Geophysics	51-100	51-100	51-100	101-150
	Materials Science	101-150	101-150	101-150	101-150
	Mathematics	96=	95	83	87
	Physics & Astronomy	90=	87=	82	=70

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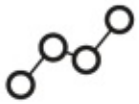

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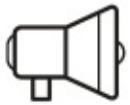

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Methodology - Indicator Definitions

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.

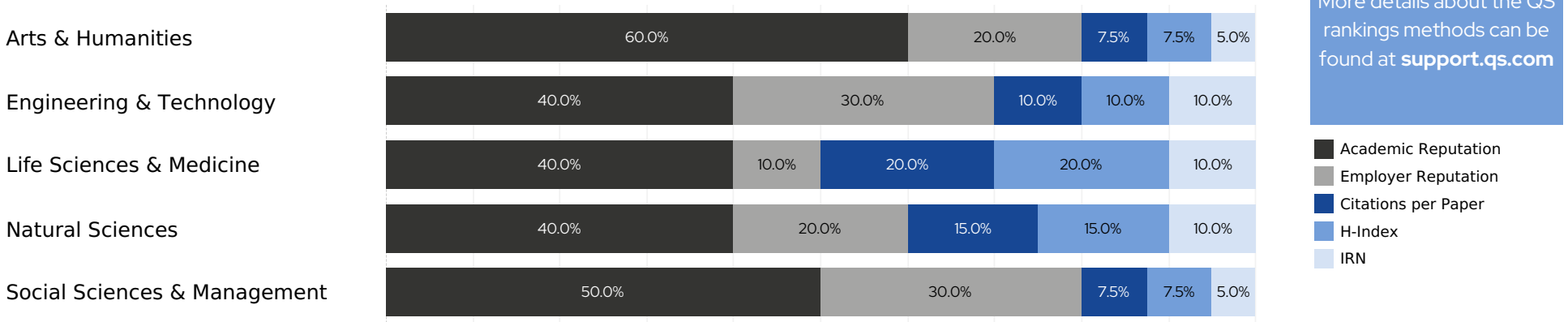
H-Index

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 Environemental Sciences, the IRN reflects the diversity and scope of an institution's research connections and the effectiveness of establishing these global networks.

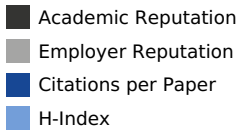
Indicator Weightings by Broad Subject Area



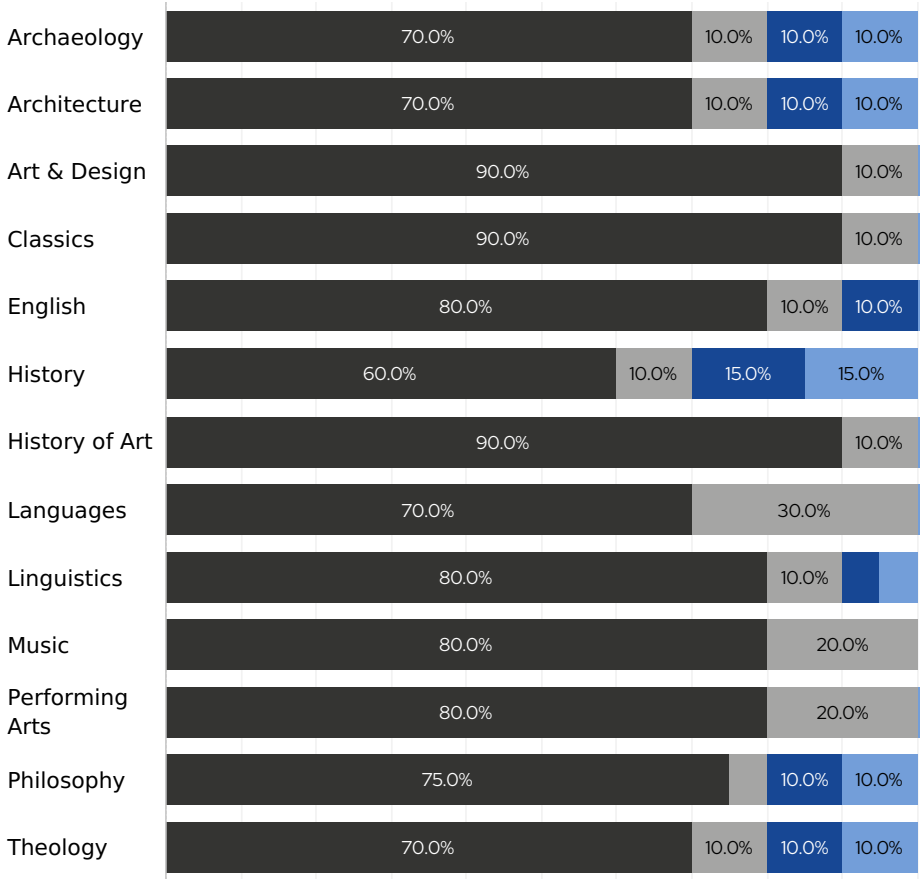
More details about the QS rankings methods can be found at **support.qs.com**

Indicator Weightings by Narrow Subject

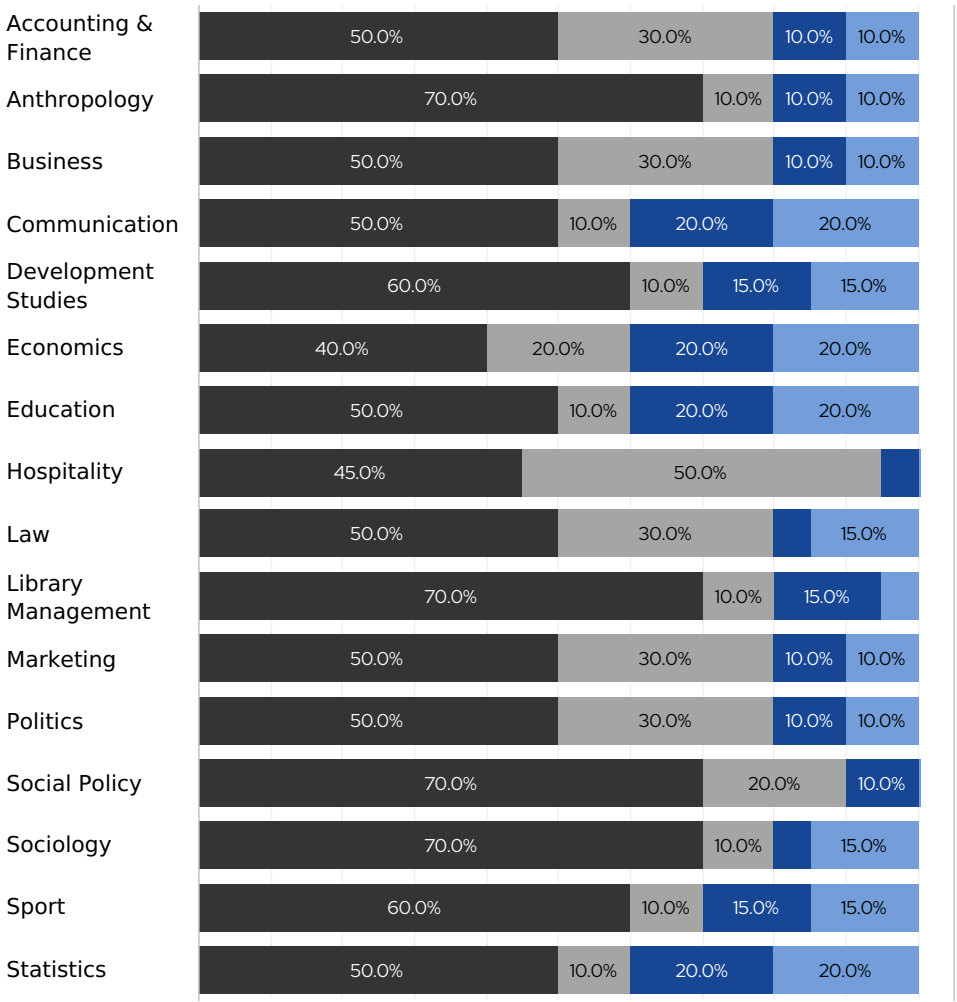
QS uses a variable approach to the weightings for the different subjects. The chart below provides details of the combinations used in the 2024 edition of the rankings.



Arts & Humanities

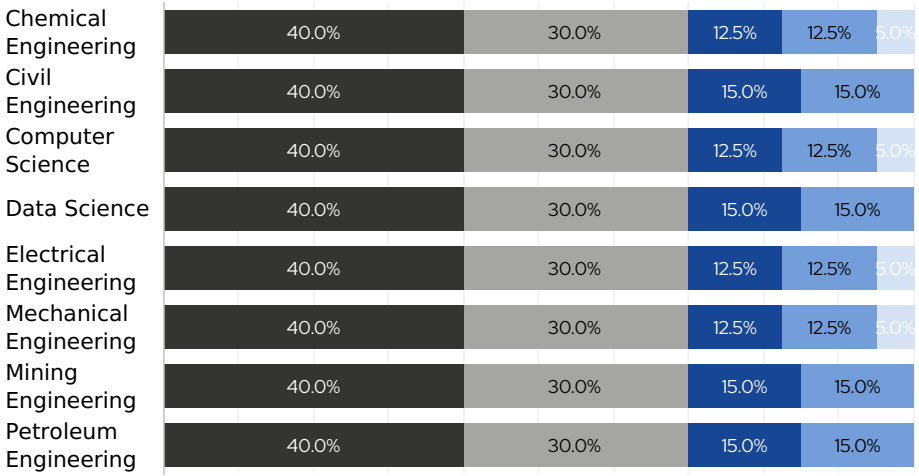


Social Sciences & Management

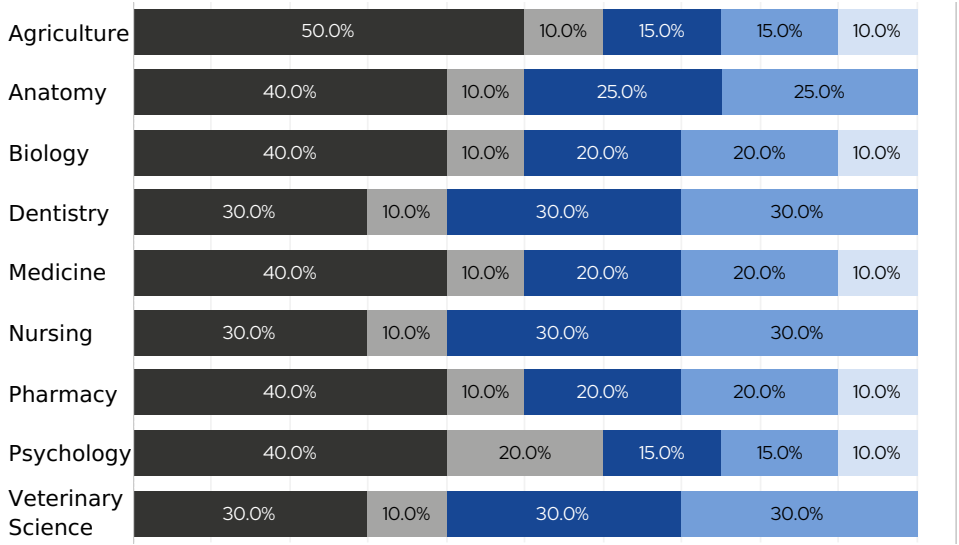


Indicator Weightings by Narrow Subject

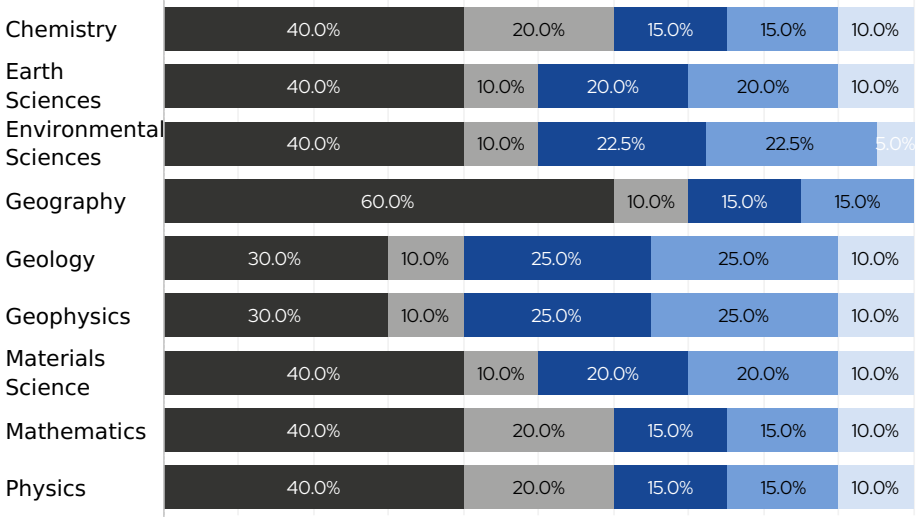
Engineering & Technology

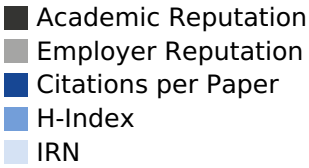


Life Sciences & Medicine



Natural Sciences

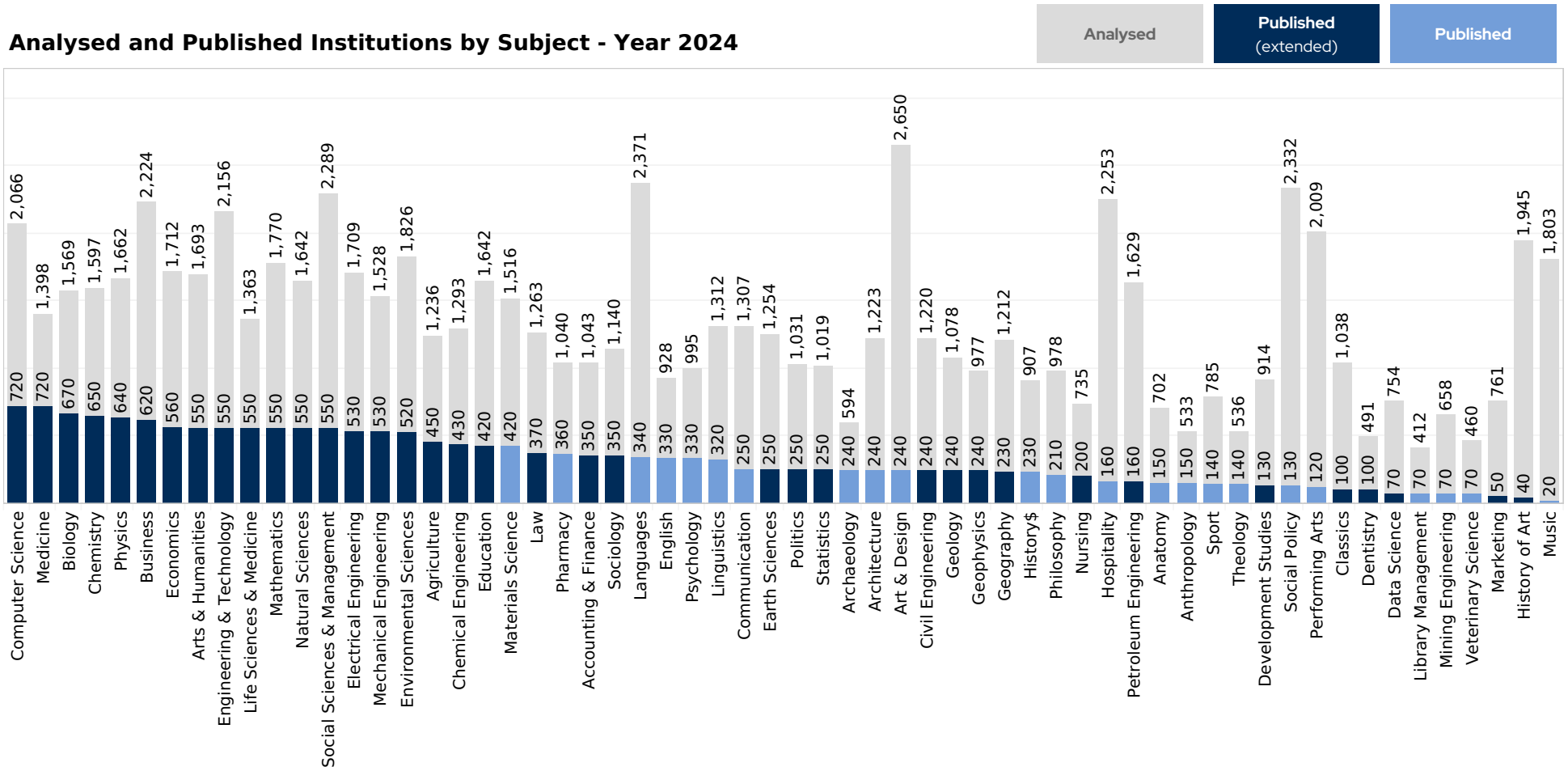




Institutions Evaluated and Ranked by Subject

Subjects Published	Locations Covered	Institutions Analysed	Institutions Published
55	149	4,989	1,559

Analysed and Published Institutions by Subject - Year 2024

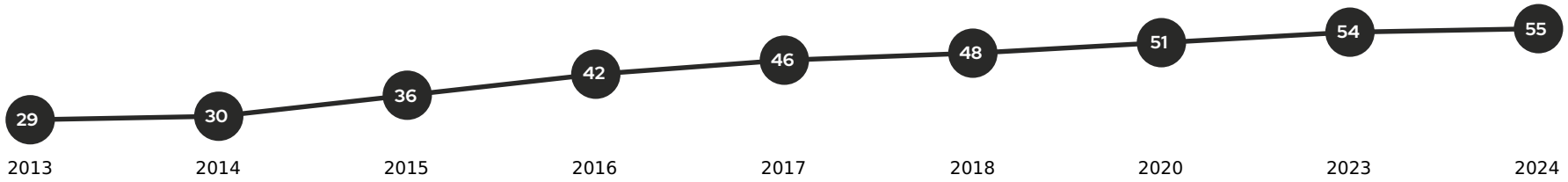


Darker blue indicates extended published ranges in 2024

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.



New subjects released:								
	Agriculture	Architecture Art & Design Business Dentistry Development Studies Veterinary Science	Anthropology Archaeology Mining Engineering Nursing Performing Arts Social Policy	Anatomy Hospitality Sport Theology	Classics Library Management	Geology Geophysics Petroleum Engineering	Data Science History of Art Marketing	Music

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

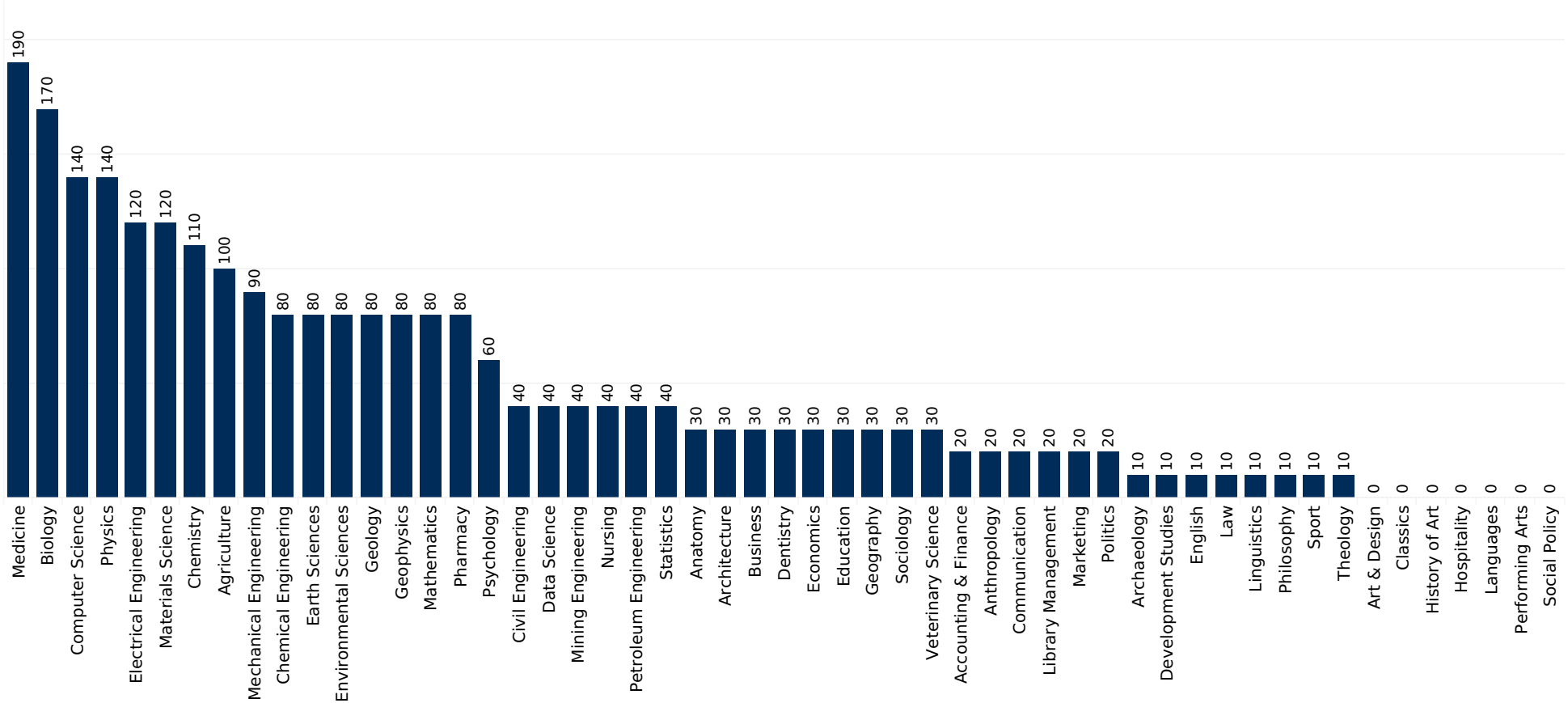
Minimum Research Activity Required

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/in-diasummit

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

QS Higher Ed Post-Summit: Asia Pacific
8 Nov | Hong Kong, SAR China
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Reimagine Education Conference & Awards
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