



## QS World University Rankings by Subject 2024

Fact File

Universidade Federal de  
Santa Catarina



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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**

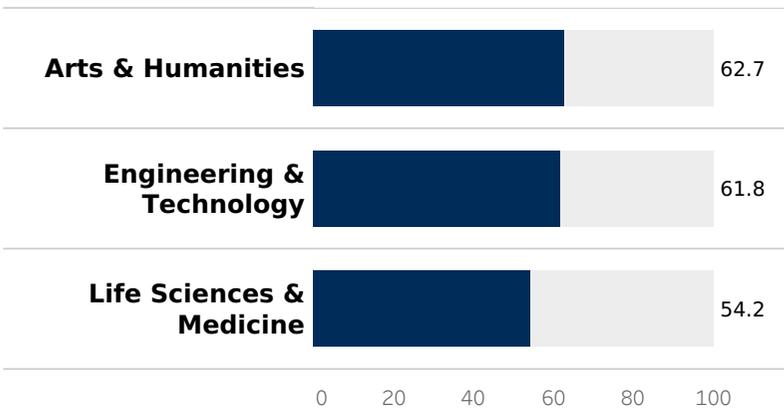
# Broad Subject Rankings Summary

## Universidade Federal de Santa Catarina

	Arts & Humanities	Engineering & Technology	Life Sciences & Medicine	Natural Sciences	Social Sciences & Management
Overall ranks in 2024	401-450	=398	501-550	-	-

### Overall Score by Broad Subject Area (0-100)

Rankings Year 2024



### Overall Rank Trend by Broad Subject Area

Rankings Years 2021-2024

	Arts & Humanities	Engineering & Technology	Life Sciences & Medicine	Natural Sciences	Social Sciences & Management
2021	400	368	401-450		
2022	401-450	401-450	401-450		
2023	451-500	366	451-500		
2024	401-450	398	501-550		

# Broad Subject Areas - Overall Ranks and Scores by Indicator

## Universidade Federal de Santa Catarina

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	66.7	61.0	59.1	56.1	36.3	62.7	401-450
Engineering & Technology	63.8	55.2	77.8	60.9	58.4	61.8	=398
Life Sciences & Medicine	55.2	50.0	70.3	47.9	34.8	54.2	501-550
Natural Sciences	55.2	53.5	72.0	57.0	45.6	56.7	-
Social Sciences & Management	57.0	56.1	73.8	70.4	38.7	58.1	-

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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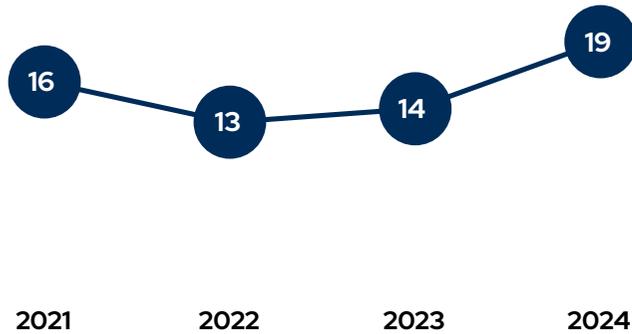
QS

# Narrow Subject Rankings Overview

## Universidade Federal de Santa Catarina

Subjects Analysed	Subjects Ranked	Top 100 Subjects
<b>47</b>	<b>19</b>	<b>1</b>

Number of Ranked Subjects



Number of Subjects by Performance Groups - Trend Over Time

	2021	2022	2023	2024
Top 100				1
Top 200			1	2
Top 300	8	5	5	8
Top 400	11	8	7	11
Top 500	13	10	10	13

Top Subjects - Universidade Federal de Santa Catarina - QS Subject Rankings 2024

51-100 <b>Dentistry</b>	151-200 <b>Nursing</b>	201-250 <b>Agriculture</b>	201-240 <b>Architecture</b>
201-250 <b>Linguistics</b>	201-250 <b>Mechanical Engineering</b>		

# 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	-	48.0	52.4	37.9	43.5	31.7
	Architecture / Built Environment	201-240	56.0	50.4	55.3	85.5	66.0
	Art & Design	-	40.9	38.6	62.0		
	Classics & Ancient History	-					
	English Language & Literature	-	52.0	51.4	48.4	60.5	
	History	-	56.1	51.8	45.1	72.8	64.2
	History of Art, Architecture & Design	-					
	Linguistics	201-250	61.7	64.2	53.0	53.6	47.9
	Modern Languages	301-340	61.7	63.7	56.9		
	Music	-	28.1	35.1			
	Performing Arts	-	39.2	40.0	35.9		
	Philosophy	-	49.3	49.0	44.4	60.5	42.6
	Theology, Divinity & Religious Studies	-					
Social Sciences & Management	Accounting & Finance	-	54.0	53.0	54.1	52.2	60.6
	Anthropology	-	63.1	63.0	54.2	64.6	71.0
	Business & Management Studies	451-500	57.2	50.3	53.3	76.9	83.7
	Communication & Media Studies	-	60.0	56.3	54.8	74.9	56.9
	Development Studies	-	55.9	52.3	46.0	82.5	50.6
	Economics & Econometrics	-	52.6	36.5	54.0	76.2	60.0
	Education	-	60.1	57.3	53.6	67.7	62.7
	Hospitality & Leisure Management	-					
	Law	-	56.2	58.6	53.6	71.5	48.3
	Library & Information Management	-	55.4	50.9	60.7	68.3	69.6
	Marketing	-					
	Politics & International Studies	-	48.0	37.9	54.3	65.5	61.7
	Social Policy & Administration	-	52.5	54.4	39.9	64.5	
	Sociology	301-350	57.1	56.3	56.3	68.6	57.7
	Sports-related Subjects	-	58.6	50.7	56.6	76.9	73.2
Statistics & Operational Research	-	60.7	51.2	54.2	76.2	72.3	

# 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	501-550	54.0	44.3	57.4	68.9	59.5	59.8
	Data Science and Artificial Intelligence	-						
	Engineering - Chemical	251-300	60.9	63.3	50.4	79.6	68.1	40.7
	Engineering - Civil & Structural	-	58.7	50.8	55.5	81.9	63.1	
	Engineering - Electrical & Electronic	251-300	62.2	59.4	55.1	83.4	69.1	56.3
	Engineering - Mechanical, Aeronautical & ..	201-250	63.0	60.8	57.0	81.7	68.6	55.0
	Engineering - Mineral & Mining	-	50.5	39.0	51.1	66.1	64.4	
	Petroleum Engineering	-						
Life Sciences & Medicine	Agriculture & Forestry	201-250	58.7	51.3	45.0	82.9	78.3	44.1
	Anatomy & Physiology	-	52.0	37.6	47.7	70.6	58.3	
	Biological Sciences	551-600	49.3	49.2	49.6	66.7	40.1	33.0
	Dentistry	51-100	66.7	40.8	23.9	92.3	81.1	
	Medicine	501-550	52.8	43.3	50.4	79.0	55.6	35.1
	Nursing	151-200	72.7	69.4	61.5	76.8	75.6	
	Pharmacy & Pharmacology	-	58.9	48.8	53.0	79.7	78.2	25.0
	Psychology	-	47.0	42.0	56.3	54.6	58.5	19.7
	Veterinary Science	-	51.7	46.0	35.2	63.7	50.9	
Natural Sciences	Chemistry	501-550	54.8	53.2	50.7	74.5	51.8	44.7
	Earth & Marine Sciences	-	59.5	53.9	43.6	76.5	75.7	31.2
	Environmental Sciences	401-450	64.1	56.9	49.7	82.2	71.0	38.9
	Geography	-	61.2	59.4	49.1	75.2	62.3	
	Geology	-	59.6	55.7	43.6	73.9	67.4	32.0
	Geophysics	-						
	Materials Science	351-400	57.9	52.9	59.5	72.5	58.0	46.5
	Mathematics	501-550	54.1	51.4	51.5	70.1	59.5	38.0
	Physics & Astronomy	551-600	51.7	45.7	52.3	71.7	55.1	39.1

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	400=	401-450	451-500	401-450
	Archaeology	-	-	-	-
	Architecture / Built Environment	201-220	201-230	151-200	201-240
	Art & Design	-	-	-	-
	Classics & Ancient History	-	-	-	-
	English Language & Literature	201-250	-	-	-
	History	-	-	-	-
	History of Art	-	-	-	-
	Linguistics	201-250	-	-	201-250
	Modern Languages	301-320	-	-	301-340
	Music	-	-	-	-
	Performing Arts	-	-	-	-
	Philosophy	-	-	-	-
	Theology, Divinity & Religious Studies	-	-	-	-
Social Sciences & Management	Social Sciences & Management	-	-	-	-
	Accounting & Finance	-	-	-	-
	Anthropology	-	-	-	-
	Business & Management Studies	451-500	451-500	501-550	451-500
	Communication & Media Studies	-	-	-	-
	Development Studies	-	-	-	-
	Economics & Econometrics	-	-	-	-
	Education	-	-	-	-
	Hospitality & Leisure Management	-	-	-	-
	Law	-	-	-	-
	Library & Information Management	-	-	-	-
	Marketing	-	-	-	-
	Politics & International Studies	-	-	-	-
	Social Policy & Administration	-	-	-	-
	Sociology	-	-	-	301-350
	Sports-related Subjects	-	-	-	-
	Statistics & Operational Research	-	-	-	-

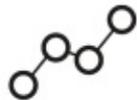
## Narrow Subjects - Rank Trend (continued)

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

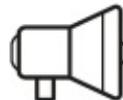
		2021	2022	2023	2024
Engineering & Technology	Engineering & Technology	368=	401-450	366=	=398
	Computer Science & Information Systems	501-550	501-550	501-550	501-550
	Data Science and Artificial Intelligence			-	-
	Engineering - Chemical	251-300	301-350	251-300	251-300
	Engineering - Civil & Structural	-	-	-	-
	Engineering - Electrical & Electronic	201-250	251-300	251-300	251-300
	Engineering - Mechanical, Aeronautical & Ma..	251-300	201-250	201-250	201-250
	Engineering - Mineral & Mining	-	-	-	-
	Petroleum Engineering	-	-	-	-
Life Sciences & Medicine	Life Sciences & Medicine	401-450	451-500	451-500	501-550
	Agriculture & Forestry	201-250	201-250	201-250	201-250
	Anatomy & Physiology	-	-	-	-
	Biological Sciences	501-550	501-550	551-600	551-600
	Dentistry	-	-	-	51-100
	Medicine	401-450	451-500	451-500	501-550
	Nursing	-	-	-	151-200
	Pharmacy & Pharmacology	201-250	251-300	301-350	-
	Psychology	-	-	-	-
	Veterinary Science	-	-	-	-
Natural Sciences	Natural Sciences	-	-	-	-
	Chemistry	351-400	351-400	401-450	501-550
	Earth & Marine Sciences	-	-	-	-
	Environmental Sciences	351-400	351-400	351-400	401-450
	Geography	-	-	-	-
	Geology	-	-	-	-
	Geophysics	-	-	-	-
	Materials Science	-	-	-	351-400
	Mathematics	-	501-520	451-500	501-550
	Physics & Astronomy	551-600	-	601-620	551-600

# Want to gain exclusive access to the data underlying the World University Rankings?

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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

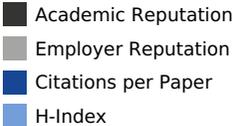


More details about the QS rankings methods can be found at [support.qs.com](https://support.qs.com)

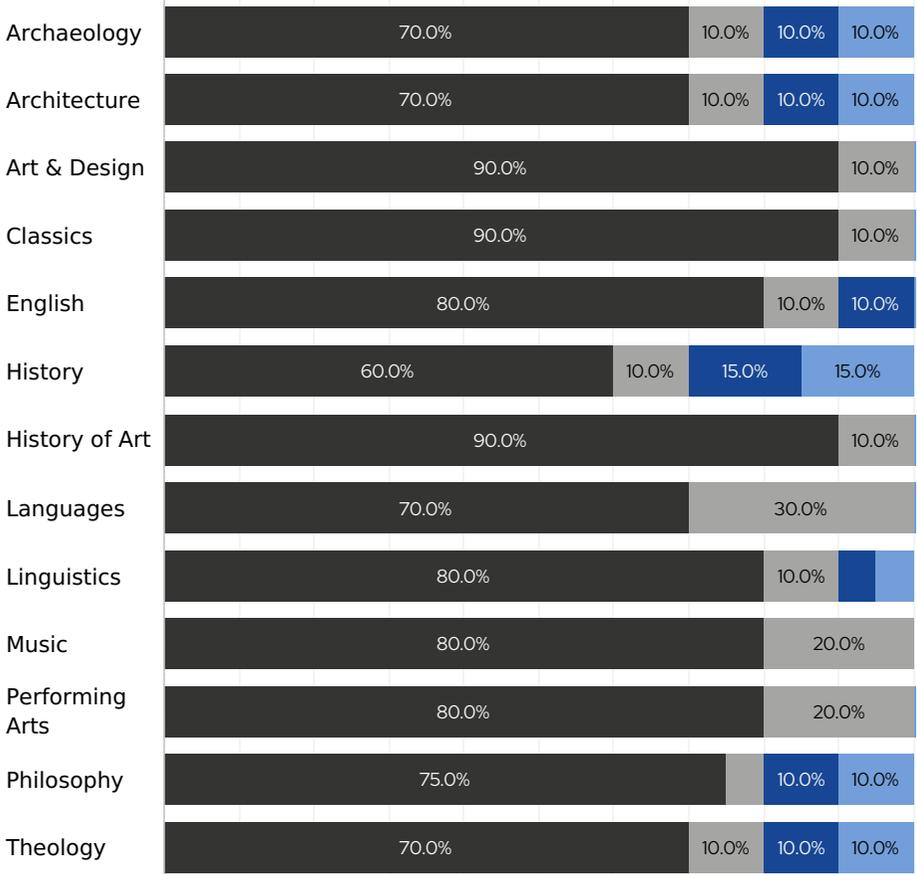
- Academic Reputation
- Employer Reputation
- Citations per Paper
- H-Index
- IRN

# Indicator Weightings by Narrow Subject

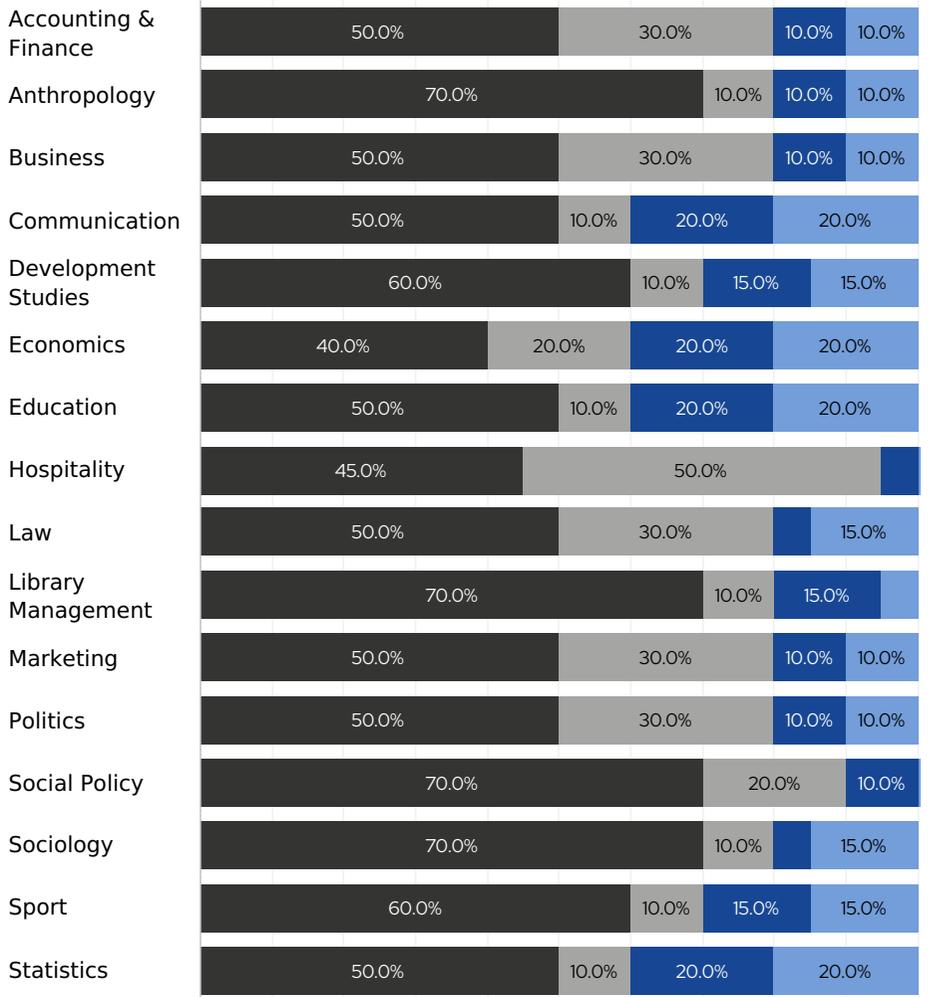
QS uses a variable approach to the weightings for the different subjects. The chart below provides details of the combinations used in the 2024 edition of the rankings.



## Arts & Humanities

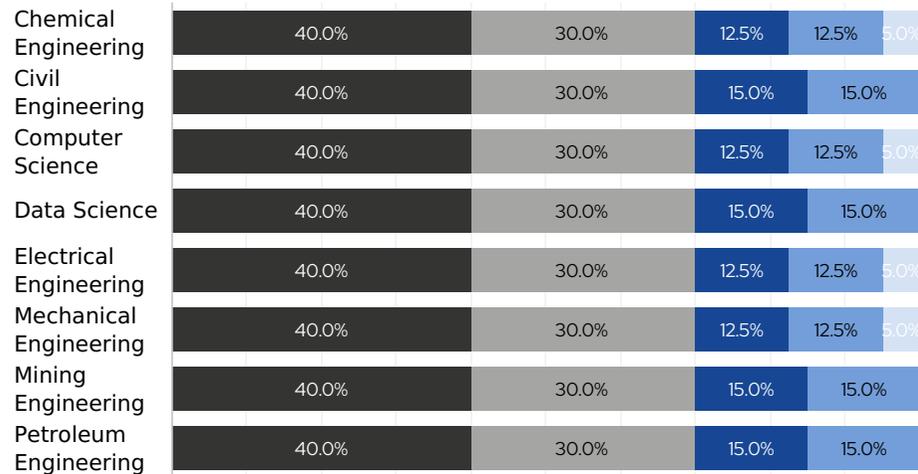


## Social Sciences & Management

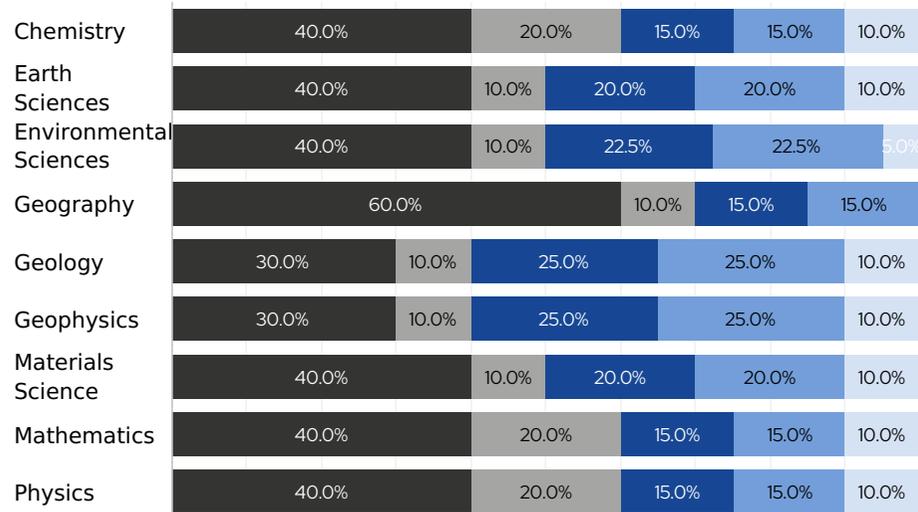


# Indicator Weightings by Narrow Subject

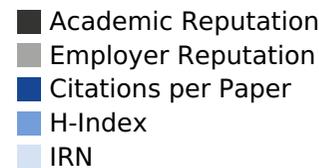
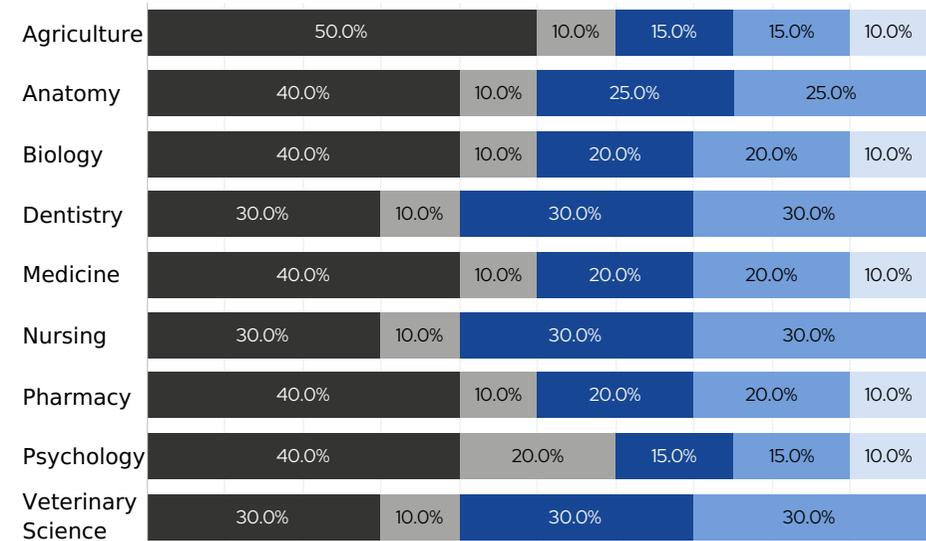
## Engineering & Technology



## Natural Sciences



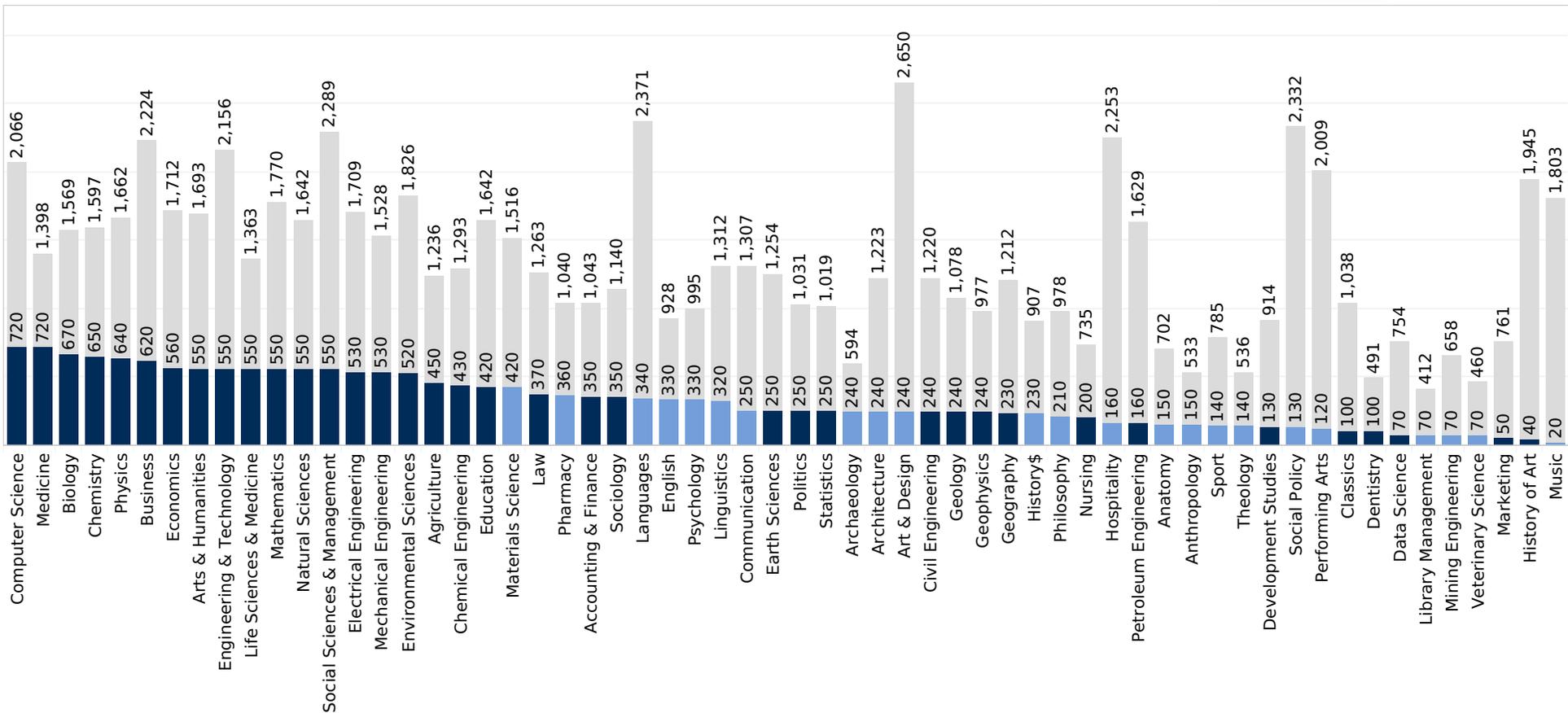
## Life Sciences & Medicine



# Institutions Evaluated and Ranked by Subject



## Analysed and Published Institutions by Subject - Year 2024

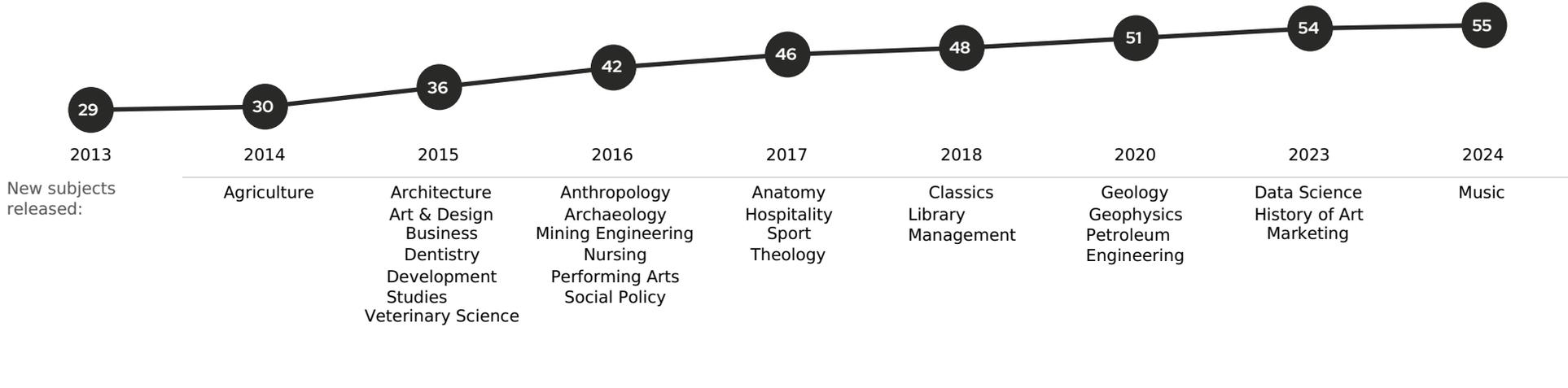


Darker blue indicates extended published ranges in 2024

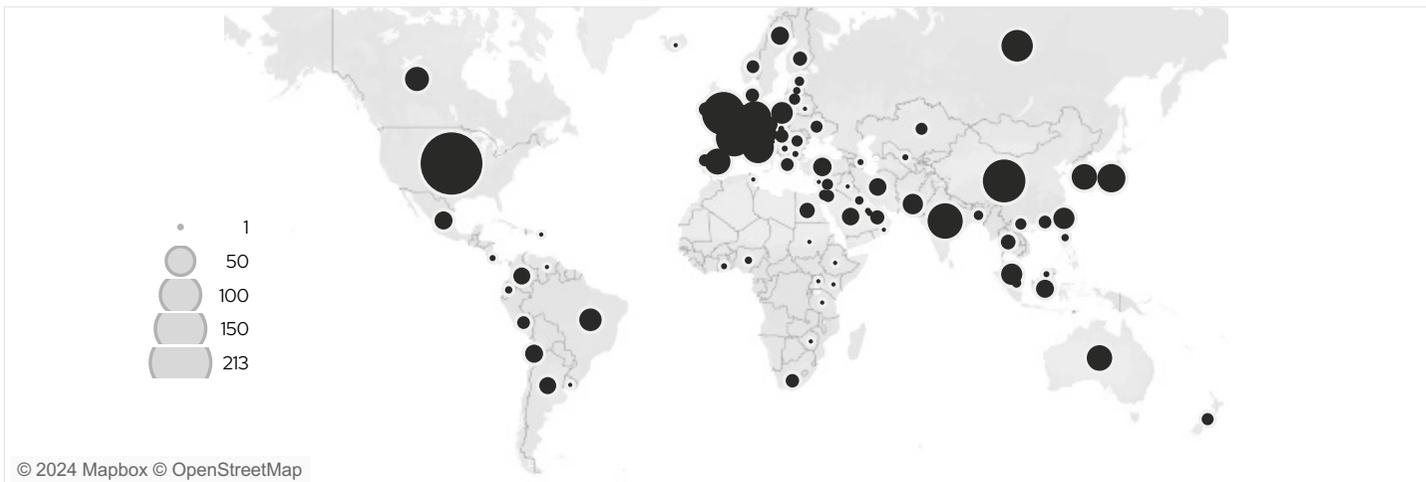
# Evolution in Published Subjects

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

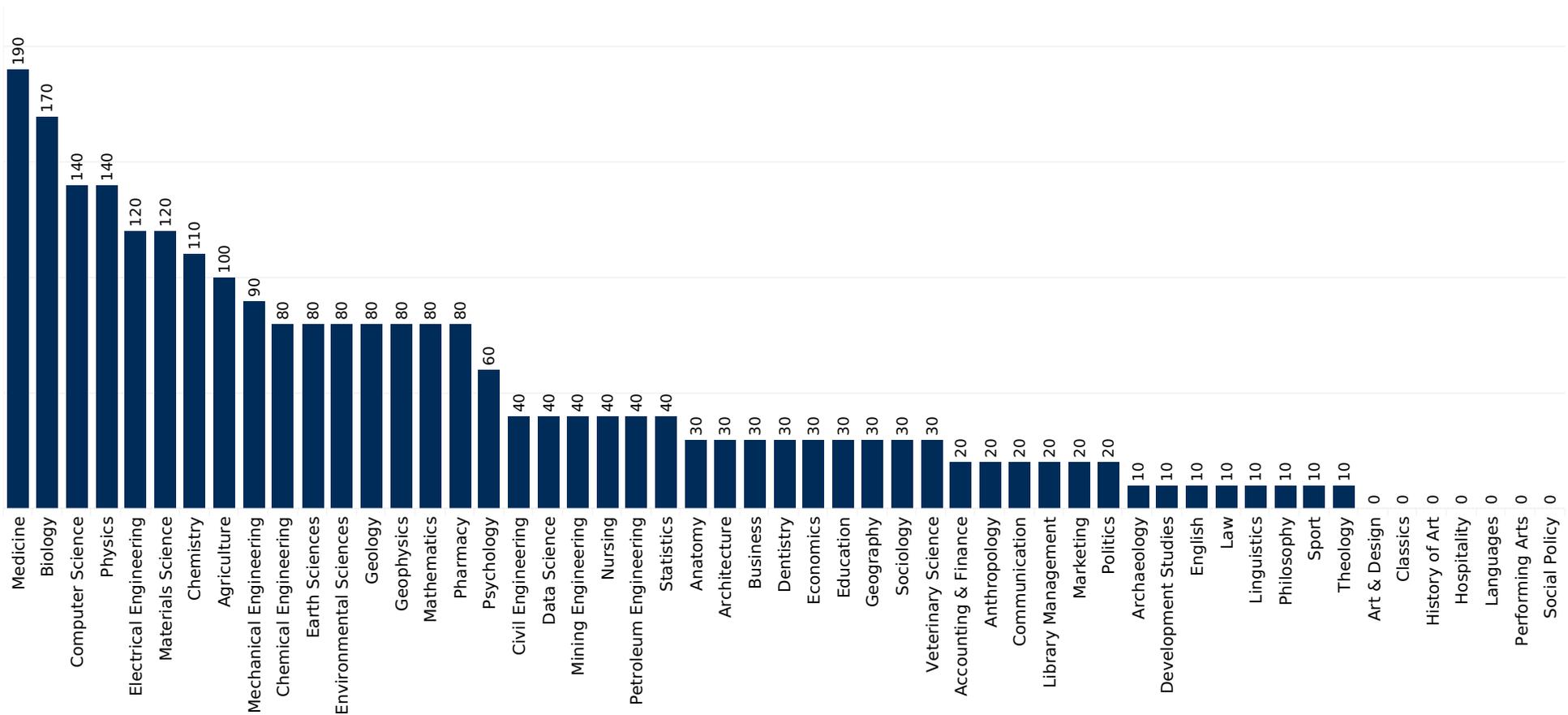
# Minimum Research Activity Required

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](https://qshesummits.com/indiasummit)



**QS Higher Ed Summit: Middle East**  
27-29 Feb | Ras Al Khaimah, UAE  
[qshesummits.com/middle-east](https://qshesummits.com/middle-east)



**QS China Summit**  
17-18 Apr | Shanghai, China  
[qshesummits.com/china](https://qshesummits.com/china)



**EduData Summit**  
4-5 Jun | Washington DC, USA  
[edudatasummit.com](https://edudatasummit.com)



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



**QS Africa Forum**  
9-10 Sep | Accra, Ghana  
[qshesummits.com/qs-africa-forum-2024](https://qshesummits.com/qs-africa-forum-2024)



**QS Higher Ed Summit: Americas**  
2-3 Oct | Bogota, Colombia  
[qshesummits.com/americas](https://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](https://qshesummits.com/asia-pacific)



**QS Higher Ed Summit: Asia Pacific**  
5-7 Nov | Macau, SAR China  
[qshesummits.com/asia-pacific](https://qshesummits.com/asia-pacific)



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