



**FACT FILE**  
SUMMARY  
VERSION

# UNIVERSITÀ DEGLI STUDI DI PADOVA (UNIPD) ITALY

Version 1.2

THIS FILE AND ITS CONTENT ARE UNDER EMBARGO  
UNTIL THE 28 FEBRUARY 2018

## CONTENTS

Welcome .....	3
EduData Summit .....	4
Results at a Glance .....	5
Results by Broad Subject Area .....	6
Detailed Results by Subject .....	7
Appendix .....	10

**THE 2018 QS WORLD UNIVERSITY RANKINGS BY SUBJECT  
WILL BE LAUNCHED ON THE 28 FEBRUARY 2018**

**[www.topuniversities.com](http://www.topuniversities.com)**

# WELCOME 2018 QS WORLD UNIVERSITY RANKINGS BY SUBJECT

Welcome to your institution's summary fact file for the QS World University Rankings by Subject 2018.

This file provides the ranks and scores for your institution in the subjects that you have been ranked in. 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 over 22 million papers, producing close to 200 million citations. 1,130 institutions have been ranked across 48 subjects in 5 subject areas, creating 14,000 published 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 first section contains an “at a glance” summary of your institution's performance across the board in all the subject areas covered. The wheel chart is a graphical representation – brightly coloured bars indicate that you have achieved a rank in that subject, the longer the bar the higher the rank you have attained. A pale bar in a subject area indicates your performance in the broad subject area.

The next table shows a summary of your scores and ranks in all the subjects you have been ranked in.

There is also an Appendix explaining the evolution of the subject rankings, the paper thresholds that we have used in this edition and an indication of the number of institutions considered and ranked.

**I hope you will find this useful but we have also prepared a more extensive EXTENDED FACT FILE for you, presenting your institution in context, subject by subject, indicator by indicator in greater depth. Please go to [www.iu.qs.com/extendedfactfile](http://www.iu.qs.com/extendedfactfile) to file a request and the team will aim to get back to you within a couple of days depending on the volume of requests.**

**Ben Sowter**  
Director, QS Intelligence Unit

A handwritten signature in black ink, appearing to read 'Ben Sowter', with a large, stylized flourish extending from the bottom.



Boston, USA  
June 18th -19th

# HigherEd Data: Opportunities and Challenges

How to get the most business value from your data, making your university a more innovative, competitive and data-driven organization.

Early-bird tickets available now:  
[www.edudatasummit.com](http://www.edudatasummit.com)

\*Book now and get a complimentary-guided tour around the MIT campus



Main Guest Speaker

Meet **DJ Patil**, the most influential data scientist in the world and very first Chief Data Scientist of the US Government, who will be speaking on how to make data-driven, informed & strategic decisions in companies.



\*Book now and get a personalized one-on-one session with our Rankings Analysts. This session will provide you with all the insights on your current rankings, and will give you comprehensive and practical advice on understanding what the rankings data is telling us.

## QS Rankings Summit

Taking place on the **20th June**, this is a unique one-day workshop in which industry experts will provide insights on how to maximize an institution's potential measured by the QS methodologies used to create the QS World University Rankings and the QS World Rankings by Subject.

For more information visit:  
[www.edudatasummit.com](http://www.edudatasummit.com)

## UNIVERSITÀ DEGLI STUDI DI PADOVA (UNIPD) AT A GLANCE

RANKED IN **5** BROAD  
SUBJECT AREAS

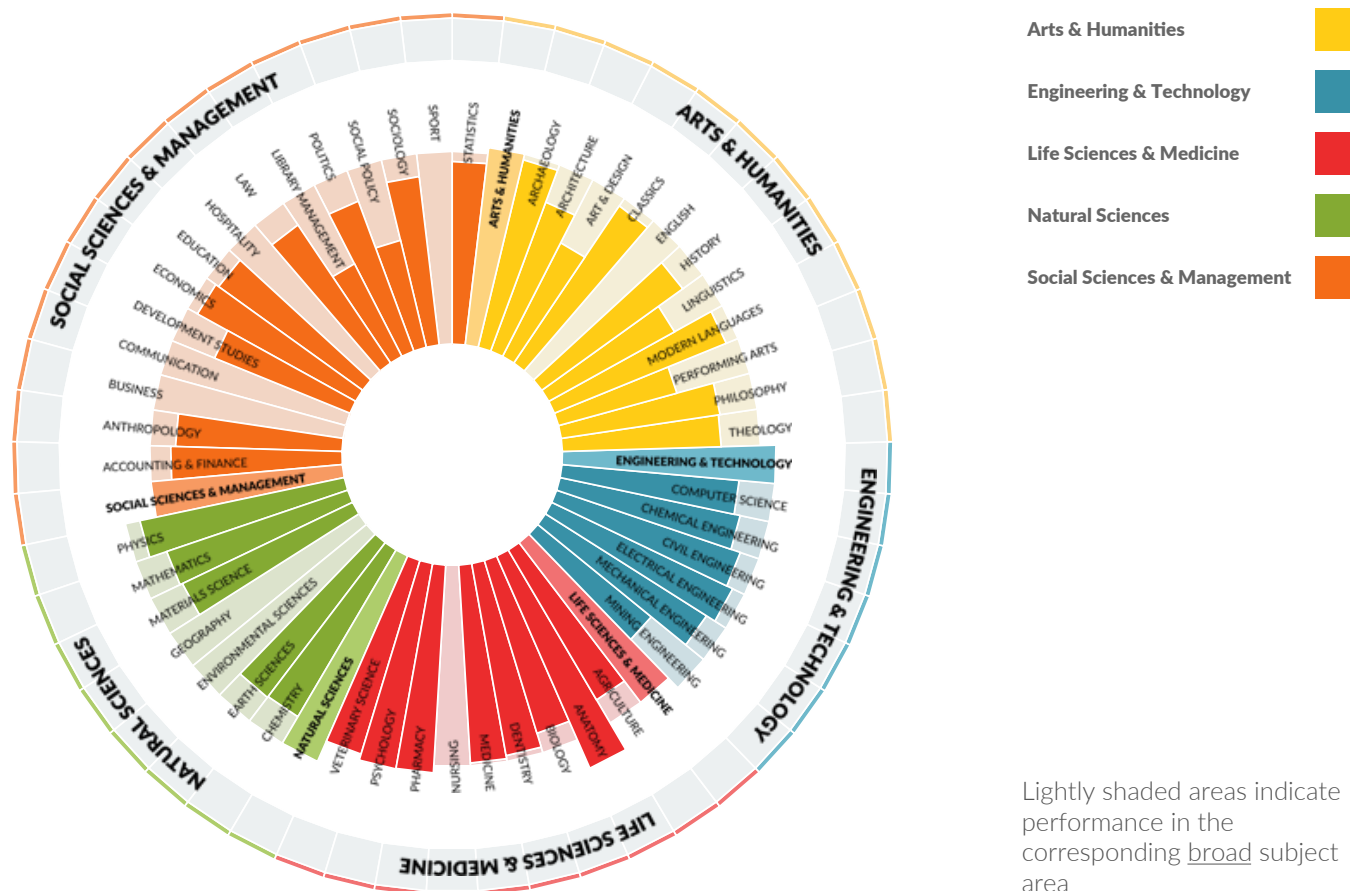
SCORED IN **27** SUBJECTS

RANKED IN **27** SUBJECTS

TOP 100 FOR **1** BROAD  
SUBJECT AREA

TOP 100 FOR **4** SUBJECTS

TOP 50 FOR **1** SUBJECT



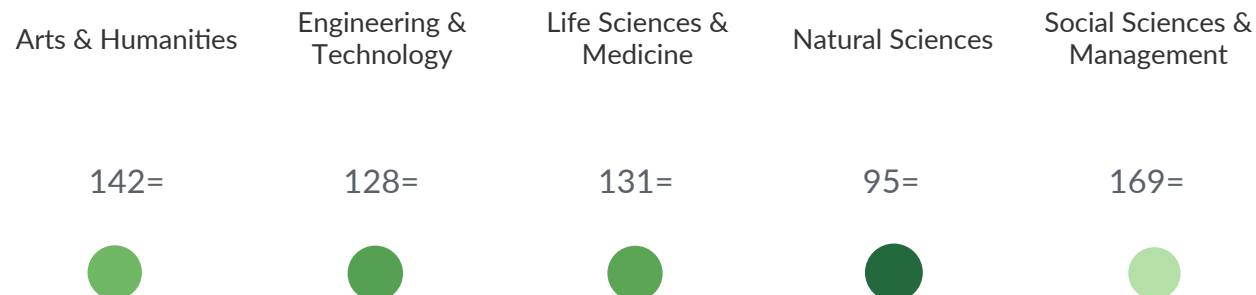
# UNIVERSITÀ DEGLI STUDI DI PADOVA (UNIPD)

Italy

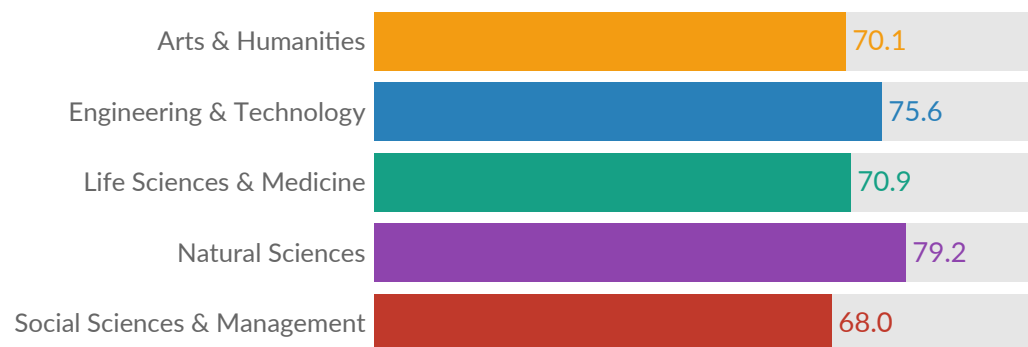


These are the ranks achieved by the institution in the QS Rankings by Broad Subject Area.

In 2018, Università degli Studi di Padova (UNIPD) has been ranked in 5 out of 5 broad subject areas.



## OVERALL SCORES BY SUBJECT AREA



Natural Sciences is the institution's strongest field at 95= and an overall score of 79.2.

Below is the institution's detailed performance by indicator and overall across the 48 subjects currently featured in the QS World University Rankings by Subject. It is very unusual for an institution to qualify for consideration in all 48 subjects.

		Overall Score	Academic	Employer	Citations	H	RANK
Arts & Humanities	Arts & Humanities	70.1	70.3	77.0	84.8	40.8	142=
	Archaeology	68.0	69.3	72.9	64.3	57.8	51-100
	Architecture	56.0	45.8	73.4	87.7	78.2	
	Art & Design	45.0	41.9	72.6			
	Classics	66.8	64.4	88.4	47.3		
	English						
	History	61.4	56.5	66.6	77.1	62.1	151-200
	History of Art	53.4	50.8	76.6			
	Languages	65.6	64.1	69.2			151-200
	Linguistics	50.8	45.2	72.3	81.6	67.4	251-300
	Performing Arts	43.4	42.7	49.7	54.8	74.6	
	Philosophy	56.8	53.7	66.7	70.2	61.8	151-200
	Theology	56.2	58.3	65.7	37.7	50.6	
Engineering & Technology	Engineering & Technology	75.6	70.5	76.9	83.0	79.5	128=
	Chemical Engineering	65.1	55.9	68.0	80.3	68.5	151-200
	Civil Engineering	68.6	58.9	71.1	83.6	74.4	101-150
	Computer Science	62.9	45.6	71.2	83.6	71.8	151-200
	Electrical Engineering	70.9	59.7	72.1	87.9	81.2	101-150
	Mechanical Engineering	67.4	56.1	74.1	79.2	72.6	151-200
	Mining Engineering	51.7	24.8	65.8	90.1	84.4	
Life Sciences & Medicine	Life Sciences & Medicine	70.9	69.8	74.6	76.4	65.8	131=
	Agriculture	61.4	48.1	57.8	84.9	73.1	101-150
	Anatomy	81.8	77.8	65.3	91.5	85.0	27
	Biology	63.7	58.4	63.0	74.4	61.7	201-250
	Dentistry	68.8	43.4	71.8	85.1	76.9	
	Medicine	69.9	59.7	70.6	83.4	72.3	101-150
	Pharmacy	73.4	65.4	60.4	87.5	77.4	51-100
	Psychology	73.6	65.8	84.1	79.5	72.6	51-100
	Veterinary Science	71.4	47.5	64.8	92.4	76.6	

		Overall Score	Academic	Employer	Citations	H	RANK
Natural Sciences	Natural Sciences	79.2	74.6	77.5	83.9	85.4	95=
	Chemistry	68.3	56.9	77.3	81.4	69.2	151-200
	Earth Sciences	68.7	50.2	64.1	84.7	84.1	151-200
	Environmental Sciences						
	Geography						
	Materials Science	66.7	57.2	72.9	79.0	67.1	151-200
	Mathematics	67.6	58.3	66.8	80.1	74.7	151-200
	Physics	73.9	66.3	64.6	85.7	86.8	101-150
Social Sciences & Management	Social Sciences & Management	68.0	59.8	75.7	82.5	71.6	169=
	Accounting & Finance	60.6	51.9	69.7	72.9	64.2	151-200
	Anthropology	58.9	56.0	90.8	51.6	54.2	
	Business						
	Communication						
	Development Studies	51.7	43.2	67.1	72.6	54.7	
	Economics	63.9	55.2	72.2	75.3	61.7	151-200
	Education	62.7	51.9	77.0	79.2	65.8	201-250
	Hospitality						
	Law	58.7	54.1	70.2	75.1	45.6	151-200
	Library Management	36.7	26.2	77.7	50.6	59.0	
	Politics	56.4	44.7	80.9	50.5	47.3	
	Social Policy	38.8	35.0	71.6		45.5	
	Sociology	59.8	56.2	75.7	71.1	62.1	201-250
	Sport						
	Statistics	64.4	49.6	65.2	84.3	81.2	101-150

**NOTES:**

There are a different reasons why an institution may not have results in any given subject.

1. It may not offer a program
2. It may not have published a sufficient number of papers
3. It may not have attracted a minimum level of recognition through our surveys.
4. Receiving a score for a particular subject does not guarantee that we have checked for its presence in your institution. These checks are only carried out for institutions with a score high enough to receive a published rank in the subject.



The tables below present the rank evolution in each evaluated subject for the institution.

		2018	2017	2016
<b>Arts &amp; Humanities</b>	Arts & Humanities	142=	182=	
	Archaeology	51-100	51-100	
	Architecture			
	Art & Design			
	Classics			
	English			
	History	151-200	151-200	151-200
	History of Art			
	Languages	151-200	151-200	201-250
	Linguistics	251-300	201-250	151-200
	Performing Arts			
	Philosophy	151-200	101-150	101-150
	Theology			
<b>Engineering &amp; Technology</b>	Engineering & Technology	128=	170=	
	Chemical Engineering	151-200	201-250	151-200
	Civil Engineering	101-150	101-150	101-150
	Computer Science	151-200	201-250	251-300
	Electrical Engineering	101-150	151-200	101-150
	Mechanical Engineering	151-200	151-200	151-200
	Mining Engineering			
<b>Life Sciences &amp; Medicine</b>	Life Sciences & Medicine	131=	156	
	Agriculture	101-150	151-200	151-200
	Anatomy	27	42	
	Biology	201-250	201-250	201-250
	Dentistry			
	Medicine	101-150	101-150	101-150
	Pharmacy	51-100	51-100	101-150
	Psychology	51-100	101-150	101-150
	Veterinary Science			
		2018	2017	2016
<b>Natural Sciences</b>	Natural Sciences	95=	102=	
	Chemistry	151-200	151-200	151-200
	Earth Sciences	151-200	151-200	101-150
	Environmental Sciences			
	Geography			
	Materials Science	151-200	151-200	
	Mathematics	151-200	151-200	101-150
	Physics	101-150	101-150	51-100
<b>Social Sciences &amp; Management</b>	Social Sciences & Management	169=	229=	
	Accounting & Finance	151-200	151-200	151-200
	Anthropology			
	Business			
	Communication			
	Development Studies			
	Economics	151-200	151-200	151-200
	Education	201-250	251-300	201-300
	Hospitality			
	Law	151-200	201-250	
	Library Management			
	Politics			
	Social Policy			
	Sociology	201-250	201-250	
	Sport			
	Statistics	101-150	51-100	51-100
	Social Policy			

# **APPENDIX**

DEFINITIONS,  
WEIGHTINGS, THRESHOLDS  
AND HEADLINE FIGURES.

## METHODOLOGY: DEFINITIONS & WEIGHTINGS

### ACADEMIC REPUTATION

Between 2013 and 2017 QS has collected votes from over 170,000 academics in 60 countries around the world. Each academic counted has given their opinion on universities in their fields of expertises.

### EMPLOYER REPUTATION

The employability metric is based on employer reputation. 158,000 global employer votes have been taken into account between 2012 and 2017 giving us a large pool of information in terms of hiring levels. Employers across all sectors and industries have taken part in the survey and include Facebook, Google, Uber, Wells Fargo, Bank of America etc.

### CITATIONS PER PAPER

This ratio measures the average number of citations obtained per publication, and is an estimate of the impact and quality of the scientific work done by universities. To avoid anomalous results, only the institutions producing a minimum number of papers in the last five years are evaluated.

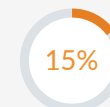
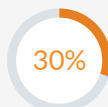
### H-INDEX

The h-index is an index that attempts to measure both the productivity and impact of the work published by the institutions' scientists and scholars. The index is based on the set of the institution's most cited papers and the number of citations that they have received in other publications.

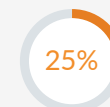
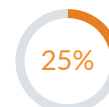
Arts & Humanities



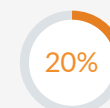
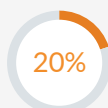
Engineering & Technology



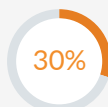
Life Sciences & Medicine



Natural Sciences

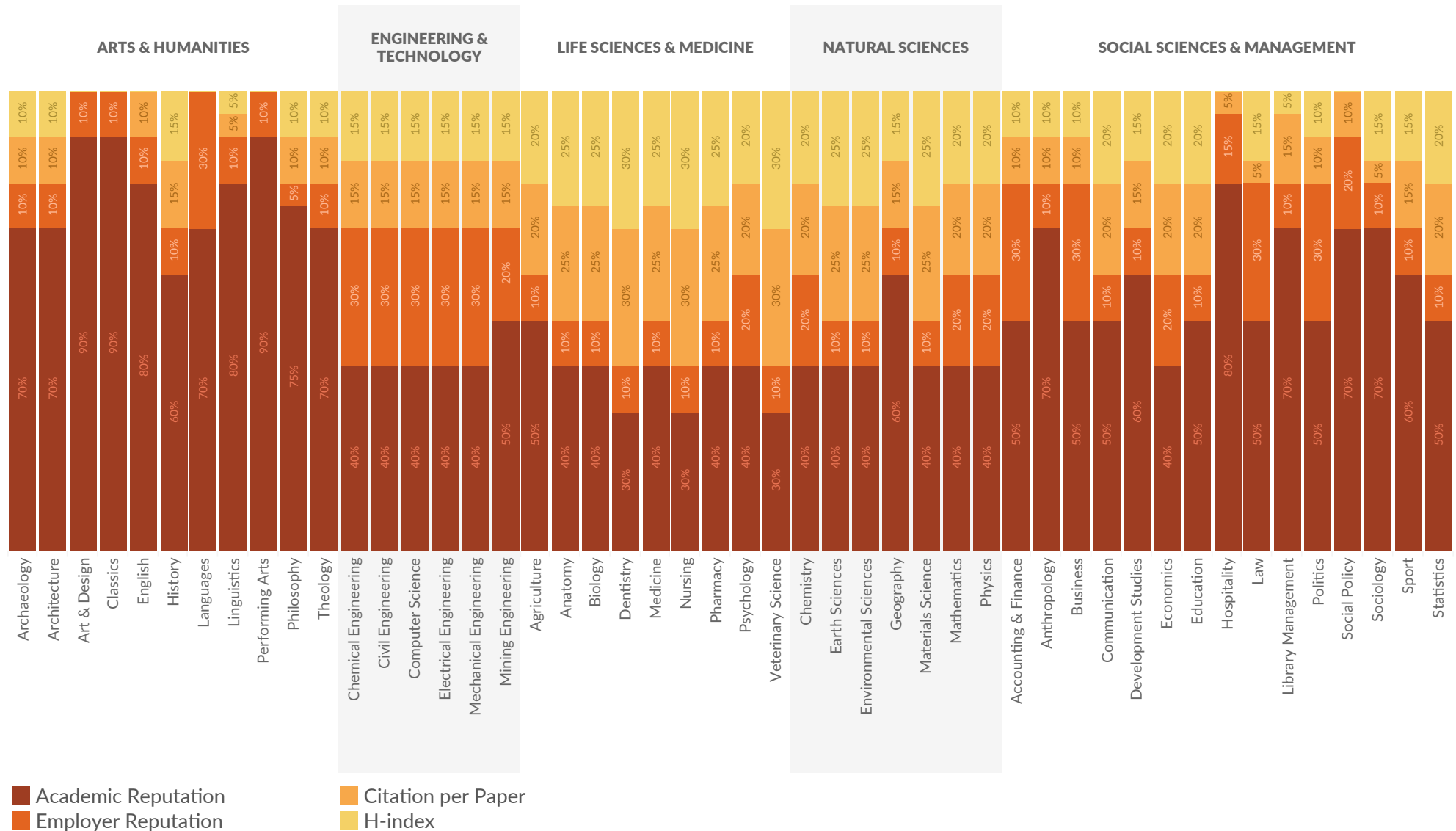


Social Sciences & Management



## 2018 QS WORLD UNIVERSITY RANKINGS BY SUBJECT

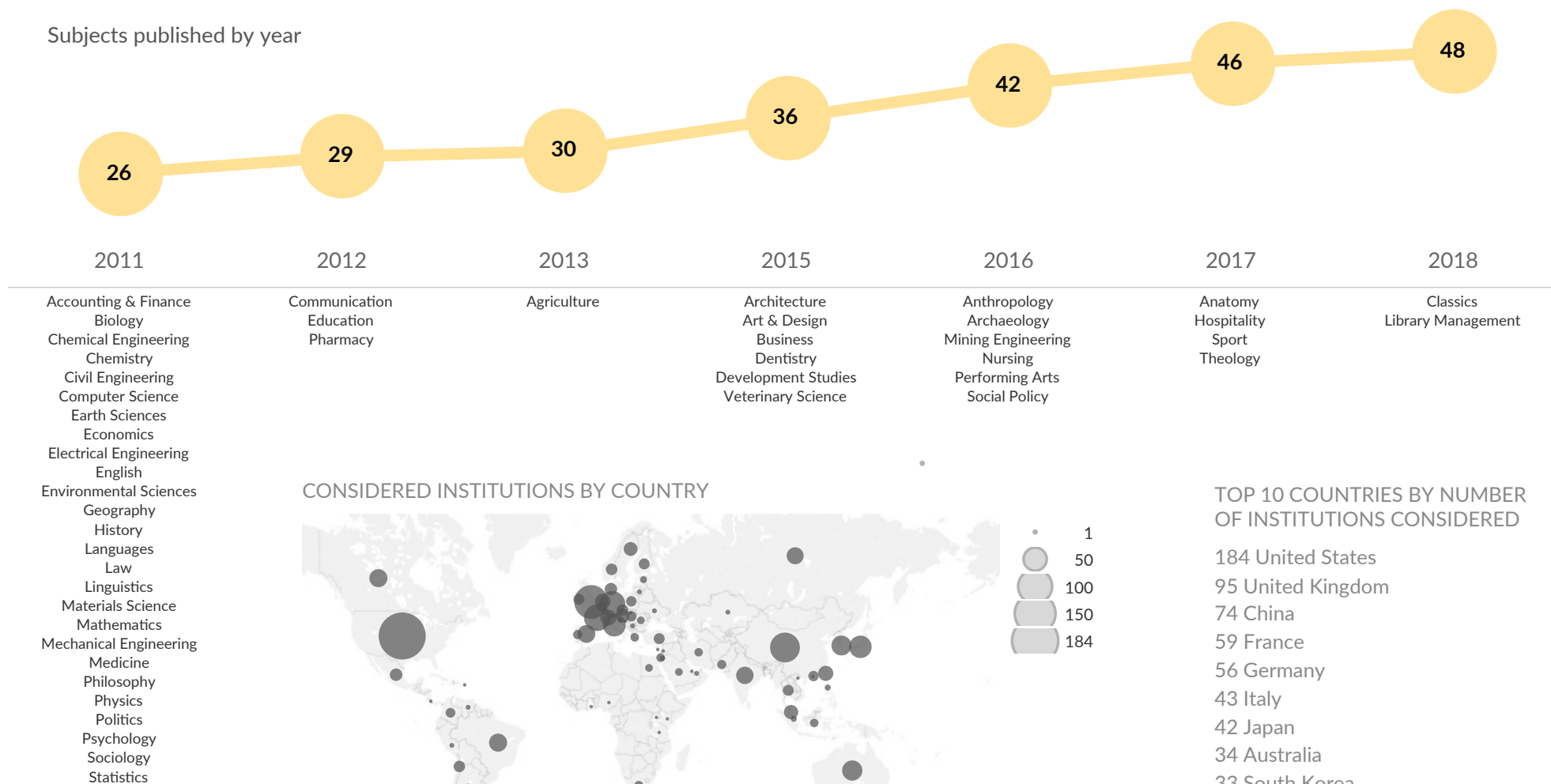
We use a variable approach to the weightings for the different subjects. The chart below provides details of the combinations used in the 2018 edition of the rankings.



## 2018 QS WORLD UNIVERSITY RANKINGS BY SUBJECT

The QS World University Rankings® by Subject ranks the world's top universities in individual subject areas, covering 48 disciplines as of 2018. A list of the considered subjects, grouped by the year of first release, is presented below.

Subjects published by year

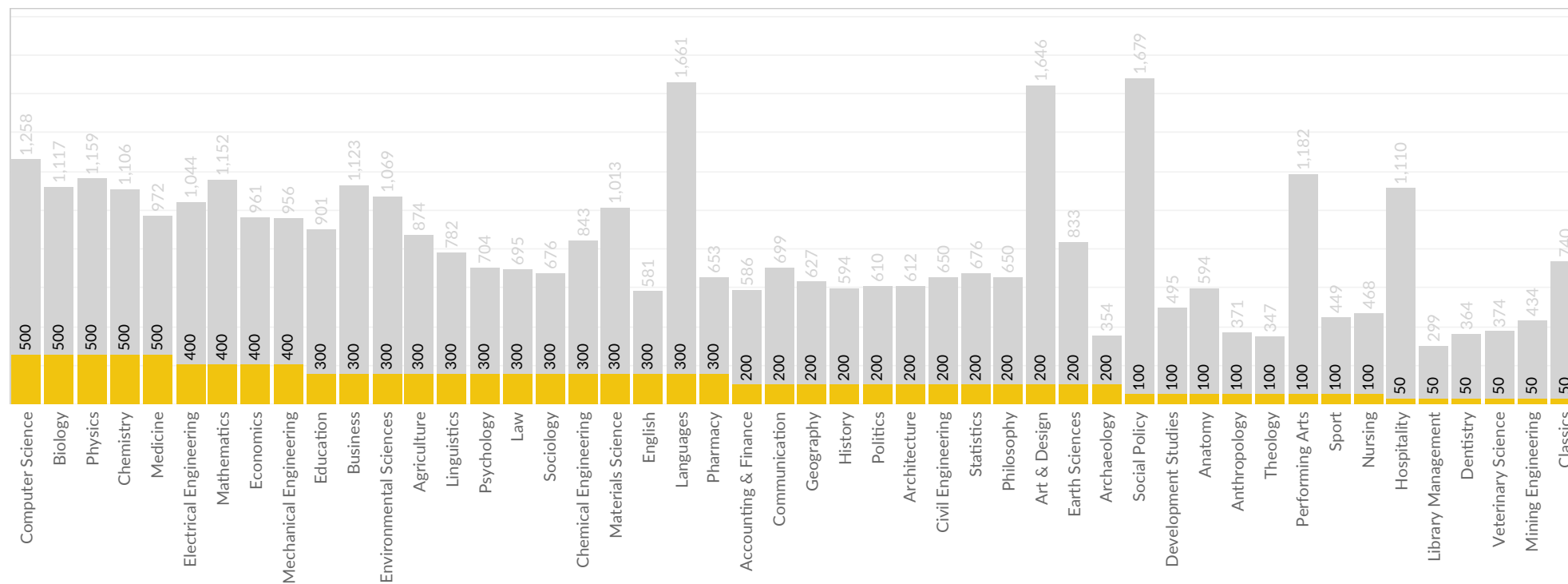


## 2018 QS WORLD UNIVERSITY RANKINGS BY SUBJECT

The charts below present the number of institutions considered and published in each of the relevant subject areas.

Subjects	Countries	Institutions
48	151	1130

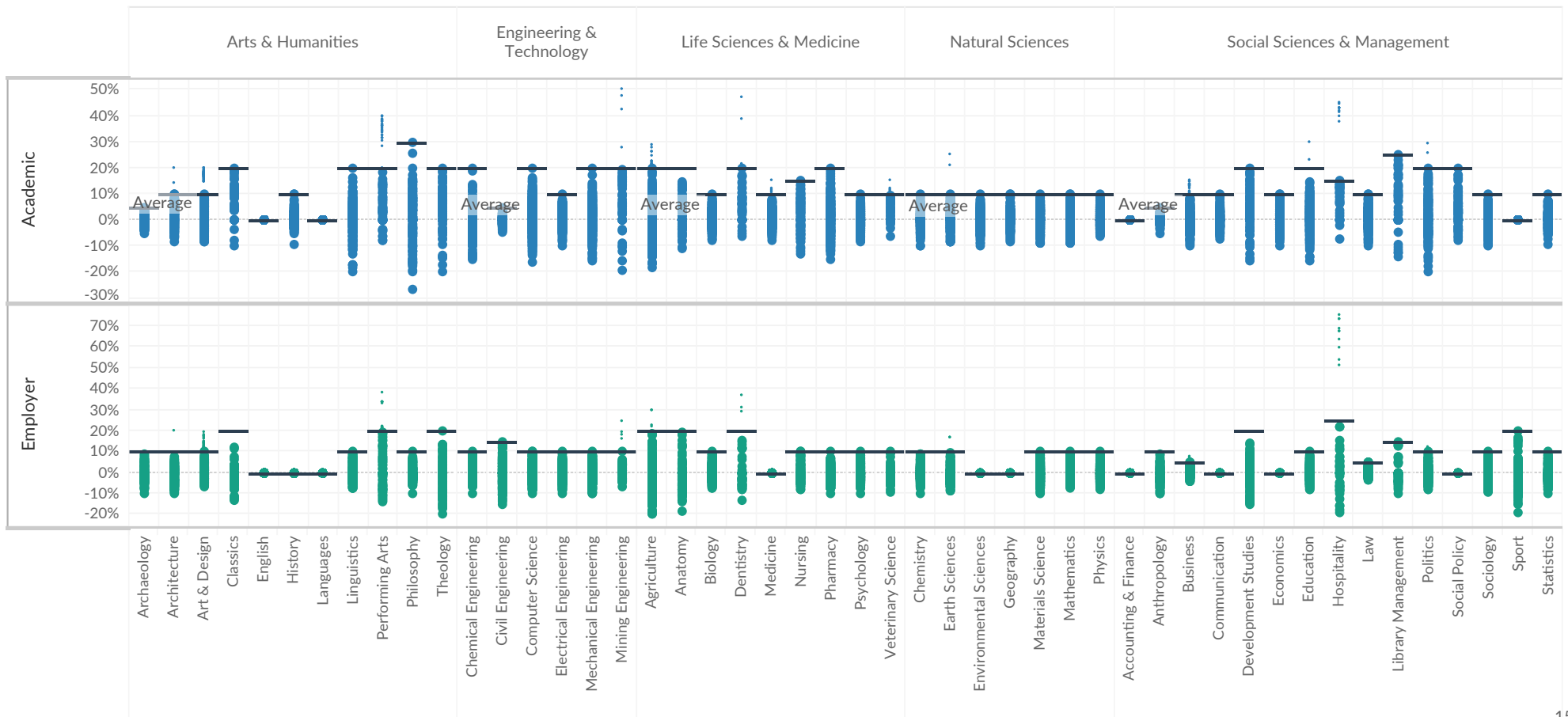
### INSTITUTIONS CONSIDERED AND PUBLISHED BY SUBJECT - YEAR 2018



## 2018 QS WORLD UNIVERSITY RANKINGS BY SUBJECT

In the QS Subject Rankings methodology, a specialization adjustment is applied to the original reputation scores in order to boost the performance of those institutions that present a stronger focus in specific subjects. The original rank calculated for each subject is compared against the rank obtained in the relevant broad subject area containing the said subject according to the QS mapping. For example, the results in Biology are compared against the overall rank in Life Sciences & Medicine. Whenever the rank difference between the subject and the broad area exceeds five places, a positive or negative adjustment is applied in the Reputation score. The method compares the proportional difference for each institution against the maximum and minimum recorded globally. The maximum change cannot exceed the percentages presented in the chart below.

### DISTRIBUTION OF SPECIALIST ADJUSTMENTS - REPUTATION



## 2018 QS WORLD UNIVERSITY RANKINGS BY SUBJECT

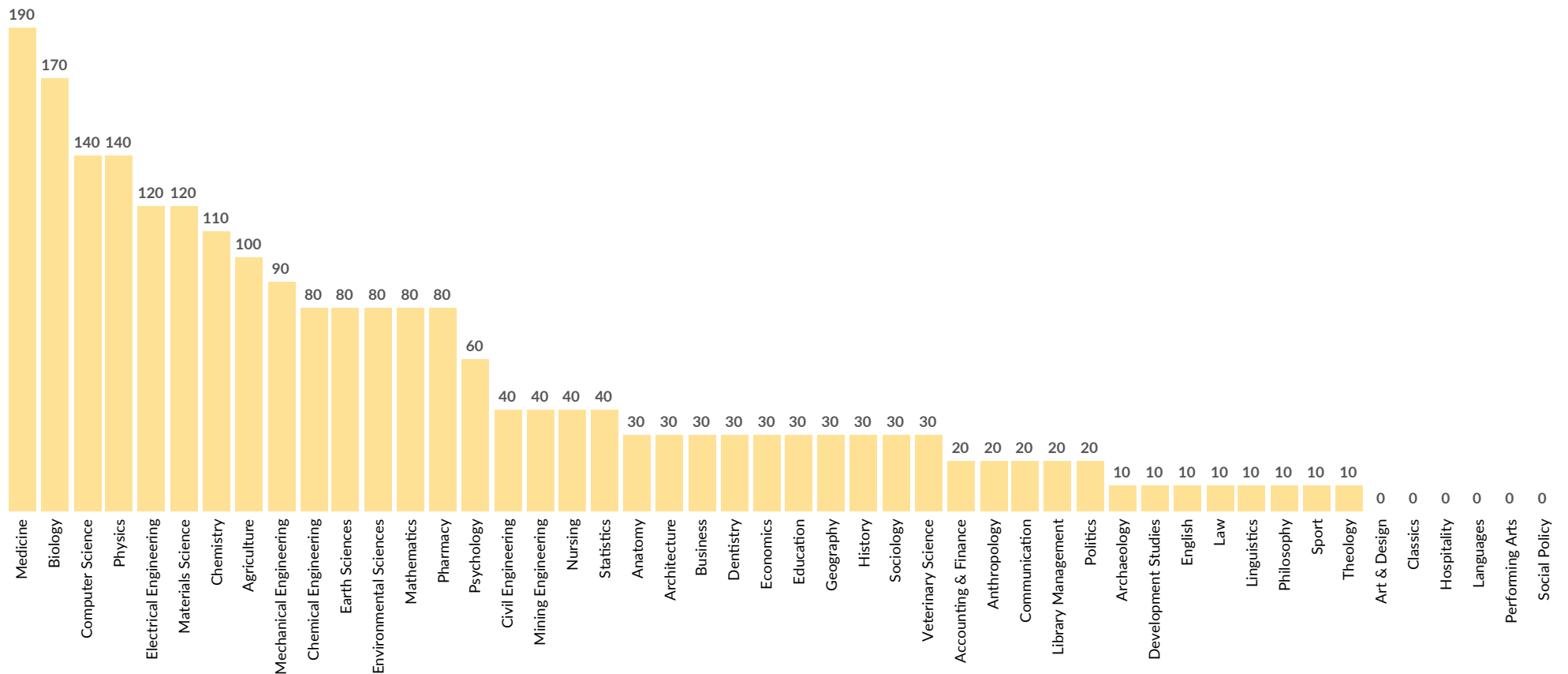
In order to feature in any discipline table, an institution must meet three simple prerequisites:

- 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.

### PAPER THRESHOLD BY SUBJECT - YEAR 2018

MINIMUM NUMBER OF PUBLICATIONS INDEXED BY SCOPUS REQUIRED TO BE CONSIDERED IN THE RANKINGS.







## INSIGHTS INTO YOUR PERFORMANCE IN RANKINGS

DATA ANALYTICS • QS STARS RATING • CONSULTING SERVICES

*Turn data into insight to boost your position in rankings by:*



*Understanding and optimizing  
your reputational strategy*



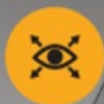
*Identifying and maximizing  
existing strengths*



*Implementing frameworks for  
performance improvement*



*Enhancing your branding among  
prospective stakeholders*



*Improving your visibility and  
connections in key markets*



*Developing a sustainable and  
high-impact global strategy*

Discover more at: [www.qs.com](http://www.qs.com)

## THE QS RANKINGS TEAM

Ben Sowter Director

Selina Griffin Rankings Manager

Martin Juno Senior Product Manager

Dennis Yu Rankings Analyst

Ting Qin Data Acquisition Manager

Senior Research Executive  
Irene-Jay Shin

Researchers  
Ajita Rane  
Anuja Shenoy  
Samuel Wong  
Shilpa Narayankar

Tony Fregoli Data Analyst

PRESS & PR  
Simona Bizzozero Communications Director  
[simona@qs.com](mailto:simona@qs.com)

TRUSTED. INDEPENDENT. GLOBAL.

QS Intelligence Unit | A division of Quacquarelli Symonds Ltd.  
E-mail: [rankings@qs.com](mailto:rankings@qs.com) | Tel.: +44 (0)207 428 2782

With offices in London, Paris, Singapore, Mumbai and Bucharest.