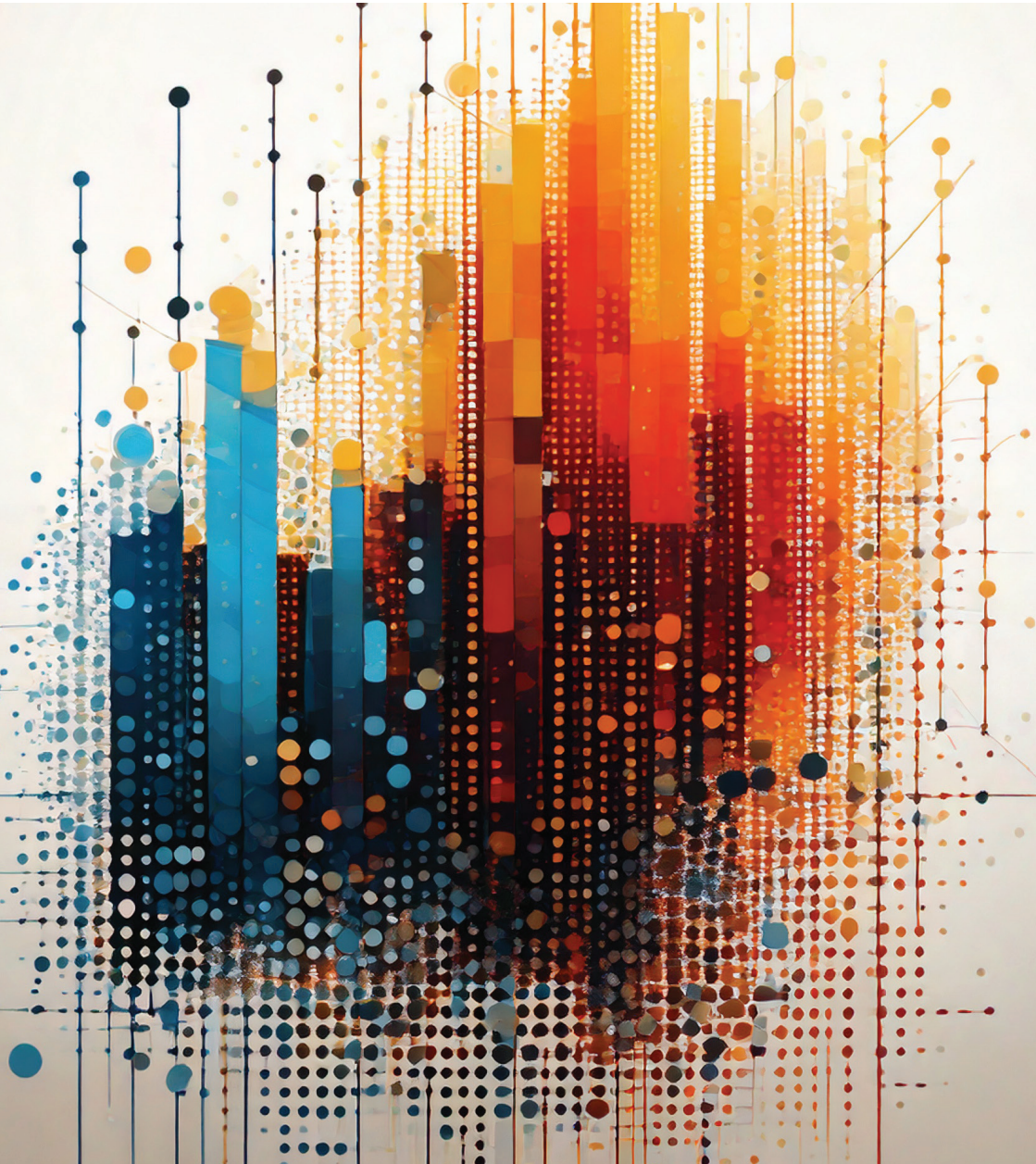


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Notes on data and tables

Every effort has been made to ensure information contained in this book is accurate. However, with the volume of data, the authors cannot give a total guarantee. The publisher sincerely regrets any inaccuracies and is grateful for them to be brought to its attention. Further, limited page space, translation, and the need for stylistic editing means that some university names have had to be abbreviated (e.g. University = Uni, Technology = Tech). Please always refer to universities directly to confirm full and correct names. In addition, where universities are ranked in bands - e.g. 151 – 200 - a broad alphabetical approach has been taken based on a selected key word in a name; the banded list does not imply that the institution 200th spot is of any lower ranking than that in 151st. The publisher realises that sometimes selected key words may differ from that which the university or business school might itself have selected and which could potentially have given it a different position in the presented band list.

For the most complete and up to date data for all QS Rankings, please see topuniversities.com and topmba.com

Contents

Introduction	8
QS World University Rankings	13
<i>Talking about Reputation</i>	14
<i>Methodology & performance lenses</i>	18
<i>Ranks 1 - 400</i>	20
<i>Meet Your AI Recruiter</i>	24
<i>Ranks 401 - 800</i>	30
<i>What Does the Future Hold for Online Learning?</i>	34
<i>Ranks 801 - 1,200</i>	38
<i>AI Education Explosion</i>	42
<i>Ranks 1,201 - 1,401+</i>	48
<i>Starting From Scratch</i>	52
Sustainability Rankings	61
<i>Sustainability is Powering the Future of Rankings</i>	62
<i>Methodology & performance lenses</i>	68
<i>Ranks</i>	71
Top 500 - Social Impact indicator	90
<i>Opening Doors</i>	91
<i>Ranks</i>	97
Top 500 - Environmental Impact indicator	102
<i>Business Education for Change</i>	103
<i>Ranks</i>	107
Top 500 - Governance indicator	118
<i>Extracurricular Advantage</i>	119
<i>Ranks</i>	122

Regional Rankings	127
Asia	128
<i>Will Japan's Merging Universities Emerge Triumphant?</i>	129
<i>India's Academic Ascent</i>	131
<i>Ranks</i>	136
Europe	146
<i>AI-Powered Research</i>	147
<i>Ranks</i>	151
Latin America	158
<i>Ranks</i>	159
Arab	164
<i>A Region in Motion</i>	165
<i>Ranks</i>	169
Best Student Cities	172
<i>The Happiness Index</i>	173
<i>Ranks</i>	176
Subject Rankings	179
<i>The Price of Innovative Science</i>	180
Arts & Humanities	186
<i>The Evolution of Interdisciplinary Learning</i>	187
<i>Ranks</i>	191
<i>Top 100 by individual subject: Arts & Humanities</i>	197
Engineering & Technology	212
<i>The overwork myth</i>	213
<i>Ranks</i>	216
<i>Top 100 by individual subject: Engineering & Technology</i>	222
Life Sciences & Medicine	230
<i>Playing the Business Game</i>	231
<i>Ranks</i>	237
<i>Top 100 by individual subject: Life Sciences & Medicine</i>	243

Natural Sciences	252
<i>Communicating Science</i>	253
<i>Ranks</i>	259
<i>Top 100 by individual subject: Natural Sciences</i>	265
Social Sciences & Management	274
<i>Hustlers</i>	275
<i>Ranks</i>	279
<i>Top 100 by individual subject: Social Sciences & Management</i>	285
Graduate Management Education	303
Global MBA	304
<i>Recalculating</i>	305
<i>Ranks</i>	309
<i>The Perfect Cake</i>	313
Business Masters Specialisations	318
<i>Masters in Management</i>	319
<i>Masters in Finance</i>	321
<i>Masters in Business Analytics</i>	323
<i>Masters in Marketing</i>	325
<i>Masters in Supply Chain Management</i>	327
<i>When Spirituality & Business Collide</i>	328
<i>Faith & Finance</i>	333
<i>International Trade</i>	336
<i>Rust Belt & Unis</i>	337
Ranks	340
QS Stars University Ratings	341
Key, Advertiser Index	350
Contributors	353

Introduction

Anton John Crace

I write this immediately after an unusual instance in which both my country of birth, Australia, and my adopted country, Singapore, went to the polls to decide their governments on the same day. In a growing trend (that itself bucks the tendency of 2024), both incumbents prevailed, and it looks increasingly likely that each will also improve their mandates.

It's an apt time to look back on the past year of international higher education. Much has changed, but, like the general election results in Australia and Singapore, a lot remains the same.

Demand for global mobility, for high quality education, and for postgraduate employment options, whether through a direct employer or as an entrepreneur, is as high as it was 12 months ago, if not higher. Students, for a variety of reasons, are looking abroad for their education.

The ability and, frankly, desire of those destinations that have traditionally met students' demands, however, is evolving and rapidly. Policy changes, both direct and indirect, have tamped down expectations of continue growth, and while students' eyes turn overseas, exactly where they will find themselves is remains to be seen.

The point remains that it seems more likely than ever that a new landscape will emerge in the next 12-24 months, one where emerging destinations are no longer emerging, and established destinations are no longer established. For my part, I think parts of Asia, particularly China and Malaysia, as well as the Middle East will become much larger players in this space.

If my prediction is correction, the change would have been somewhat pre-empted in the rankings. It was only a few years ago that Singapore was usurped by China for the top spot in the Asia rankings, while the Middle East continues to see strengthening metrics, if not always direct gains in positions.

Outside of just the rankings, we've been covering the success and growing appetite for branch campuses in both regions in the monthly magazine. Of course, international education has been notoriously unpredictable. There's every possibility that Central Asia, Europe or Latin America become destination du jour. It's something, at least, to be mindful of and paying attention to.

Last year, I had the honour of writing the foreword for *Internationalization of Higher Education and Digital Transformation: Insights from Morocco and Beyond* edited by a friend and colleague, Dr Aicha Adoui. In that piece, I spoke about looking beyond the traditional study destinations of international education that had dominated the headlines over the past decade, to discover the hidden work of other countries and destinations. Scratching just a little below the surface reveals a rich vein of research, pedagogy and employability in ways that are novel, representative of the places they emerged from, and scalable elsewhere.

I hope the 2025 QS Yearbook is a similar tome which you use as a base camp, scratching below its surface to discover more. As in past editions, we've included the simplified versions of most rankings produced by QS from June 2024 until April 2025.

Included is the university or school name, their location and their overall rank. However, as you know, there is much, much more that goes into a ranking. By exploring online, or in past edition of *QS Insights Magazine*, you can see further context, such as indicator positioning and performance (the highest ranked institution for employability isn't always the highest ranked for internationalisation), or regional positioning in both the Subject and World rankings.

We've also included a selection of articles from the past 12 months that provide further context as to what has happened. Rather unsurprisingly, Artificial Intelligence continues to be of interest to the sector, but the conversations have matured substantially. No longer are we talking about the potential of AI, now the conversation has turned to implementing it best.

Likewise, employability, student choice, recruitment, research outcomes and community outreach remained common themes throughout the past year. How they are being discussed, however, has changed.

Reflecting on the previous 12 months from an admittedly narrow frame of selected articles and simplified rankings, there are a lot of similarities between the election results of both my birth and home countries. The conversations in international higher education are the same, but the contextual understanding, the thoughtfulness, the perseverance and the dedication have blossomed.

While we continue to live in uncertain times, I take heart in seeing the progression and dedication in the sector.

Until next year,
Anton John Crace



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Talking about Reputation	14
Methodology & performance lenses	18
Ranks 1 - 400	20
Meet Your AI Recruiter	24
Ranks 401 - 800	30
What Does the Future Hold for Online Learning?	34
Ranks 801 - 1,200	38
AI Education Explosion	42
Ranks 1,201 - 1,401+	48
Starting From Scratch	52

Talking About Reputation

By Julia Gilmore

Reputation.

It's a word that comes up time and time again when talking about universities. The definition can differ from person to person, from student to academic to employer. There is considerable overlap between all three stakeholders and all will influence how a university is perceived by those wishing to study there, who wish to work there (or collaborate on research projects), or who are making hiring decisions.

In the QS World University Rankings (WUR), reputation plays a huge role in how universities are assessed, with academic reputation and employer reputation used as key metrics. The academic reputation metric is the cornerstone of the ranking, making up 30 percent of a university's final score, with employer reputation worth 15 percent of the score. That more indefinable metric, reputation among students both current and potential, is more subjective, as it depends a lot on brand identity, word-of-mouth, and other factors, such as how sustainable the university is perceived to be.

Academic reputation

By far the most important metric in the WUR, academic reputation is generally what people first think of when considering the reputation of a university. The results of this ranking are based on a survey sent to thousands of academics across the world, with respondents selecting their top domestic universities demonstrating academic excellence in their faculty area, their top international institutions in their faculty area, and their top institutions in their selected subject area.

The academic reputation of a university is crucial for several reasons, influencing the institution's overall success, the quality of its educational offerings, and its impact on students, faculty and society. The best scholars and researchers are drawn to universities with strong academic reputations, as these institutions provide a stimulating environment, ample research opportunities and better resources for professional growth.

A strong academic reputation is also essential for the strategic planning, with highly ranked universities able to leverage this reputation into attracting investment from outside stakeholders, ensuring financial stability and growth.

Academic reputation also drives more fruitful research collaborations and funding. A mainstay in the top 10 of the WUR, the University of Oxford, receives the most research funding in the UK, according to Research England figures, with last year's top ranked global university, the Massachusetts Institute of Technology, receiving some of the highest federal research funding in the world. Universities with prestigious reputations are more likely to form partnerships with other top institutions worldwide, facilitating student exchange programs, joint research and international collaborations.

The location of a university also helps boost its academic (and, indeed, employer) reputation. Consider the fact that two of the consistently highest ranked universities in the world, Harvard and MIT, are both based in Cambridge, Massachusetts, making the area a centre for innovation, similar to the California Bay Area, home to Silicon Valley,



with Berkeley and Stanford on the doorstep. This helps facilitate not only inter-university collaboration but also strengthening links with employers.

Employer reputation

For most, if not all, students, the primary motivation for undertaking a university degree is to stand out in a crowded job market. According to data from UNESCO, around 254 million students are enrolled in universities globally, a number that has more than doubled in the last 20 years. With more qualified students entering the workforce than ever before, employers are looking for differentiating factors to determine the most qualified graduates, often favouring those from institutions that they deem to have the best reputations.

The employer reputation index in the WUR is assessed by an annual survey sent to thousands of global employers, who, similarly to the academic reputation ranking, nominate 10 domestic institutions they view as being the best for producing relevant graduates, and 30 international institutions.

University reputation is important to employers for a number of reasons. It's seen as a reliable indicator of a candidate's capabilities, work ethic and preparedness for the workplace, with a well-regarded university assumed to maintain high academic standards and rigorous selection processes, which can assure employers of the quality of education the candidate has received. Employers may also interpret the fact that a student has gained entry to a well-regarded university as proof of the candidate's commitment to hard work and ambition, particularly in countries like the US where extracurriculars are a key component of the admissions process.

In addition, top universities are perceived by employers to keep their programmes aligned with the latest industry trends and technological advancements, ensuring that their graduates are well-versed in current practices and innovations. Well-regarded institutions often emphasise the development of soft skills such as communication, teamwork, leadership and time management, which are crucial for professional success. From a business perspective, the brand association of hiring graduates from prestigious universities can enhance a company's image and credibility. It signals to clients, partners, and stakeholders that the company values high standards and employs top talent.

A good reputation can also help universities leverage their connections with industry, such as internship opportunities and careers fairs to help prepare students for the workplace. Employer reputation is a key factor for students. According to the *2023 QS International Student Survey*, 56 percent of respondents consider a high graduate employment rate the most important factor when assessing a university's teaching quality. Employability is also very important for what course a student chooses to study, with 51 percent of respondents in the survey saying that the most important factor in choosing their course is that it leads to their chosen career.

Reputation among students

One of the biggest questions asked by potential students in higher education is: "Is university really worth it?" A 2023 *Wall Street Journal/NORC* study showed that 56 percent of respondents feel a degree isn't worth the financial outlay, with those aged 18-34 having the most concerns. With this in mind, it is more vital than ever that universities ensure their reputation is strong enough to attract students who may be having doubts about their university education.

Alumni networks are a vital resource for universities hoping to boost their reputation among potential and current students. Not only can alumni provide career development opportunities for students by offering internships, job placements and career advice, but they can also help recruit potential students by participating in outreach programs, sharing their positive experiences, and highlighting the benefits of attending their former university.

Sustainability is becoming increasingly important for students, with 41 percent of prospective students actively researching universities' environmental sustainability strategy or efforts before applying, according to the *JSS*. Consequently, last year QS introduced sustainability as a metric in the WUR, making up 5 percent of an institution's final score.

A study published in 2021 in *The Lancet* showed that around 45 percent of 16–25-year-olds are suffering from climate anxiety, meaning it's understandable that students would want to attend universities that are helping to assuage these fears. The sustainability metric used by QS in the WUR is based on the methodology used in the separate QS Sustainability Rankings, based both on the social impact and environmental impact of the university.

Research shows that prospective international students prioritise a university's sustainability efforts over its location when choosing where to apply, reflecting widespread climate anxiety among young people. Top institutions like the University of California, Berkeley and the University of Toronto in Canada are integrating sustainability into their operations and academics, attracting students committed to a sustainable future.

The higher education sector is crucial in addressing the climate emergency through research and education. The Royal Anniversary Trust's Platinum Jubilee Challenge in the UK outlines strategies for universities to achieve net zero emissions, focusing on the built environment, travel, and supply chains. By embedding sustainability into their operations and research, universities can tackle climate challenges and attract like-minded students.

At the same time, students exploring higher education options should be cautious about basing their decision solely on reputation. It's essential to choose a university that aligns with their personal, academic and career goals. Factors such as public versus private institutions, location, academic programs, size, extracurricular activities and cost should all be considered. While a high university ranking or a renowned name can be appealing, the best education is found at a school that meets an individual's personal, educational and financial needs.

This was first published in QS Insights Magazine 18, June 2024.

Methodology & performance lenses

The QS World University Rankings, the most comprehensive ranking of its kind, shines a light on the best institutions from across the world, supporting our mission of enabling motivated people anywhere in the world to fulfil their potential through educational achievement, international mobility, and career development.

The rankings are compiled by our data analysts in partnership with tens of thousands of higher education institutions. They incorporate datapoints from 16.4 million academic papers as well as the views of more than 151,000 academics and 100,000 employers.

Each of the QS rankings are compiled using a core methodology that employs a range of vital factors including student experience, university partnerships, research activity and faculty qualifications.

All of our data is based on high-quality research and innovative analytic approaches. The QS rankings provide methodical evaluations of key areas in higher education institutions, ultimately offering potential students expert advice that’s proven to align them with their chosen path.

Lens	Weighting	Indicator	Weighting
Research and Discovery	50%	Academic Reputation	30%
		Citations per Faculty	20%
Employability and Outcomes	20%	Employer Reputation	15%
		Employment Outcomes	5%
Global Engagement	15%	International Faculty Ratio	5%
		International Research Network	5%
		International Student Diversity	0%
		International Student Ratio	5%
Learning Experience	10%	Faculty Student Ratio	10%
Sustainability	5%	Sustainability	5%

To be eligible for this ranking, institutions must fulfil our Eligibility Criteria.

If an institution is eligible, it then must pass the following 3 thresholds to be analysed as part of the sample. Note that “being analysed” does not necessarily mean “being published”

Inclusion criteria:

1	Reputation Threshold	A new entrant should be in the global Top 20% in Academic Reputation.*
---	----------------------	--

2	Research Threshold	For the QS World University Rankings, an institution should have at least 100 papers indexed by Scopus and published over a 5-year window. Only papers of relevant paper types and after affiliation cap is applied are considered.
3	Small Size	<p>If an institution is of small size (fewer than 5,000 students), then we look at the performance in Academic Reputation, Employer Reputation and Citations per Faculty. More specifically, we need at least one of the following scenarios to be met for inclusion in the last few editions:</p> <ul style="list-style-type: none"> • to be in the top 1,000 for Academic Reputation, Employer Reputation and Citations per Faculty (all three performance lenses) • to be in the top 900 in at least two of the above • to be in the top 800 in at least one of the above

* Note that the 5-year cohort of nominations is subject to stringent validation techniques.

1	Massachusetts Institute of Technology (MIT)	US	50	Kyoto University	JP
2	Imperial College London	UK	50	Northwestern University	US
3	University of Oxford	UK	53	KAIST - Korea Advanced Institute of Science & Technology	KR
4	Harvard University	US	54	University of Bristol	UK
5	University of Cambridge	UK	55	University of Amsterdam	NL
6	Stanford University	US	56	Yonsei University	KR
7	ETH Zurich - Swiss Federal Institute of Technology	CH	57	The Hong Kong Polytechnic University	HK
8	National University of Singapore (NUS)	SG	58	Carnegie Mellon University	US
9	UCL	UK	59	Ludwig-Maximilians-Universität München	DE
10	California Institute of Technology (Caltech)	US	60	Universiti Malaya (UM)	MY
11	University of Pennsylvania	US	61	Duke University	US
12	University of California, Berkeley (UCB)	US	62	City University of Hong Kong	HK
13	The University of Melbourne	AU	63	Sorbonne University	FR
14	Peking University	CN	63	KU Leuven	BE
15	Nanyang Technological University, Singapore (NTU)	SG	65	The University of Auckland	NZ
16	Cornell University	US	66	University of Texas at Austin	US
17	The University of Hong Kong	HK	67	Korea University	KR
18	The University of Sydney	AU	68	National Taiwan University (NTU)	TW
19	The University of New South Wales (UNSW Sydney)	AU	69	The University of Warwick	UK
20	Tsinghua University	CN	69	University of Illinois at Urbana-Champaign	US
21	University of Chicago	US	71	Universidad de Buenos Aires (UBA)	AR
22	Princeton University	US	72	University of California, San Diego (UCSD)	US
23	Yale University	US	73	Université Paris-Saclay	FR
24	Université PSL	FR	74	KTH Royal Institute of Technology	SE
25	University of Toronto	CA	75	Lund University	SE
26	EPFL	CH	76	University of Washington	US
27	The University of Edinburgh	UK	77	The University of Western Australia	AU
28	Technical University of Munich	DE	78	University of Glasgow	UK
29	McGill University	CA	79	Brown University	US
30	The Australian National University	AU	80	University of Southampton	UK
31	Seoul National University	KR	80	University of Birmingham	UK
32	The University of Tokyo	JP	82	The University of Adelaide	AU
32	Johns Hopkins University	US	82	University of Leeds	UK
34	The University of Manchester	UK	84	Ruprecht-Karls-Universität Heidelberg	DE
34	Columbia University	US	84	Tokyo Institute of Technology (Tokyo Tech)	JP
36	The Chinese University of Hong Kong (CUHK)	HK	86	Osaka University	JP
37	Monash University	AU	87	Trinity College Dublin, The University of Dublin	IE
38	University of British Columbia	CA	88	University of Technology Sydney	AU
39	Fudan University	CN	89	Durham University	UK
40	The University of Queensland	AU	89	Purdue University	US
40	King's College London	UK	89	Pennsylvania State University	US
42	University of California, Los Angeles (UCLA)	US	92	Universidade de São Paulo	BR
43	New York University (NYU)	US	93	Pontificia Universidad Católica de Chile (UC)	CL
44	University of Michigan-Ann Arbor	US	94	Universidad Nacional Autónoma de México (UNAM)	MX
45	Shanghai Jiao Tong University	CN	94	Lomonosov Moscow State University	RU
46	Institut Polytechnique de Paris	FR	96	University of Alberta	CA
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47	Zhejiang University	CN	98	Pohang University of Science And Technology (POSTECH)	KR
49	Delft University of Technology	NL	99	RWTH Aachen University	DE
50	The London School of Economics and Political Science (LSE)	UK	100	University of Copenhagen	DK

101	King Fahd University of Petroleum & Minerals	SA	152	Nagoya University	JP
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104	University of St Andrews	UK	155	Wageningen University & Research	NL
105	The University of Sheffield	UK	155	University of North Carolina, Chapel Hill	US
105	Utrecht University	NL	155	University of Geneva	CH
107	Tohoku University	JP	158	Erasmus University Rotterdam	NL
108	University of Nottingham	UK	159	University of Groningen	NL
108	Boston University	US	159	Université de Montréal	CA
109	Technical University of Denmark	DK	161	University of Bern	CH
109	University of Zurich	CH	162	Hanyang University	KR
111	Politecnico di Milano	IT	163	Al-Farabi Kazakh National University	KZ
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133	Macquarie University	AU	184	University of York	UK
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133	University of Science and Technology of China	CN	186	Cardiff University	UK
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148	Universiti Putra Malaysia (UPM)	MY	198	University of Calgary	CA
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150	Indian Institute of Technology Delhi (IITD)	IN			

202	Khalifa University of Science and Technology	AE	251	Taylor's University	MY
203	University of Minnesota Twin Cities	US	252	Hong Kong Baptist University	HK
203	Université catholique de Louvain (UCLouvain)	BE	252	University of Göttingen	DE
205	Ecole des Ponts ParisTech	FR	252	Harbin Institute of Technology	CN
206	Queen's University Belfast	UK	255	Griffith University	AU
206	Universitas Indonesia	ID	256	Bandung Institute of Technology (ITB)	ID
208	The Ohio State University	US	256	Heriot-Watt University	UK
209	Tel Aviv University	IL	258	University of Warsaw	PL
210	National Tsing Hua University	TW	259	Case Western Reserve University	US
211	Indian Institute of Science	IN	260	University of Lisbon	PT
212	Albert-Ludwigs-Universität Freiburg	DE	261	United Arab Emirates University	AE
213	Queensland University of Technology (QUT)	AU	261	University of Canterbury Te Whare Wānanga o Waitaha	NZ
214	University of Otago	NZ	263	Indian Institute of Technology Kanpur (IITK)	IN
215	National Cheng Kung University (NCKU)	TW	264	Norwegian University of Science And Technology	NO
215	University of Florida	US	265	Universitat Pompeu Fabra (Barcelona)	ES
217	La Trobe University	AU	265	UCSI University	MY
218	University of Maryland, College Park	US	267	University of Witwatersrand	ZA
219	Universidad Nacional de Colombia	CO	267	University of Antwerp	BE
219	National Yang Ming Chiao Tung University	TW	269	Universiti Teknologi PETRONAS (UTP)	MY
221	Vrije Universiteit Amsterdam	NL	269	Tianjin University	CN
222	Indian Institute of Technology Kharagpur (IIT-KGP)	IN	271	Beijing Normal University	CN
222	Eberhard Karls Universität Tübingen	DE	272	Radboud University	NL
224	Friedrich-Alexander-Universität Erlangen-Nürnberg	DE	273	University College Cork	IE
224	University of Lausanne	CH	273	University of Galway	IE
224	Loughborough University	UK	275	Dalhousie University	CA
227	Rheinische Friedrich-Wilhelms-Universität Bonn	DE	275	University of Massachusetts Amherst	US
227	Indian Institute of Technology Madras (IITM)	IN	275	University of Pittsburgh	US
229	Chulalongkorn University	TH	278	Vrije Universiteit Brussel (VUB)	BE
230	Université libre de Bruxelles	BE	278	University of Porto	PT
230	Maastricht University	NL	280	Ulsan National Institute of Science and Technology (UNIST)	KR
232	Universidade Estadual de Campinas (Unicamp)	BR	281	University of Strathclyde	UK
233	University of Twente	NL	281	The Hebrew University of Jerusalem	IL
234	Technische Universität Dresden	DE	283	Université Paris 1 Panthéon-Sorbonne	FR
235	University of Waikato	NZ	284	Southern University of Science and Technology	CN
236	Università di Padova	IT	285	Universidad Carlos III de Madrid (UC3M)	ES
236	University of Rochester	US	285	University of Leicester	UK
236	University of Aberdeen	UK	285	University of Milan	IT
239	Gadjah Mada University	ID	285	Middle East Technical University	TR
239	Massey University	NZ	285	University of Surrey	UK
241	Politecnico di Torino	IT	285	University of Cologne	DE
241	Technical University of Darmstadt	DE	291	University of Bergen	NO
243	Dartmouth College	US	291	Swinburne University of Technology	AU
244	Victoria University of Wellington	NZ	293	University of Tasmania	AU
245	University of Macau	MO	293	The University of Arizona	US
246	Charles University	CZ	295	Xi'an Jiaotong University	CN
246	University of Sussex	UK	296	Stellenbosch University	ZA
248	Vanderbilt University	US	297	University of Virginia	US
249	University of Navarra	ES	298	Swansea University	UK
250	American University of Beirut (AUB)	LB	298	Bauman Moscow State Technical University	RU
			300	Huazhong University of Science and Technology	CN

301	Georgetown University	US	352	City, University of London	UK
302	Université Paris Cité	FR	353	National University of Sciences And Technology (NUST) Islamabad	PK
302	Beijing Institute of Technology	CN	354	University of Pretoria	ZA
304	Universidade Federal do Rio de Janeiro	BR	355	University of Coimbra	PT
304	Linköping University	SE	355	Indiana University Bloomington	US
306	Aalborg University	DK	355	University of Luxembourg	LU
307	University of California, Irvine	US	358	University of Tartu	EE
308	Airlangga University	ID	359	University of Aveiro	PT
309	Goethe-University Frankfurt am Main	DE	359	Pontificia Universidad Católica del Perú	PE
309	Universität Innsbruck	AT	359	Gwangju Institute of Science and Technology (GIST)	KR
311	North Carolina State University	US	362	York University	CA
312	University of Johannesburg	ZA	362	Sultan Qaboos University	OM
312	Jagiellonian University	PL	362	Xiamen University	CN
314	Universität Stuttgart	DE	365	University of Illinois at Chicago (UIC)	US
315	Quaid-i-Azam University	PK	365	Saint Petersburg State University	RU
316	University of Notre Dame	US	367	Westfälische Wilhelms-Universität Münster	DE
316	RUDN University	RU	368	Mahidol University	TH
316	Shandong University	CN	368	University of Jordan	JO
319	Simon Fraser University	CA	368	University of Tehran	IR
320	University of Colorado Boulder	US	371	University of Turin	IT
321	Universidad Politécnica de Madrid (UPM)	ES	371	Universitat Politècnica de Catalunya - BarcelonaTech (UPC)	ES
321	L.N. Gumilyov Eurasian National University (ENU)	KZ	371	Lincoln University	NZ
321	National Technical University of Athens	GR	371	George Washington University	US
324	University of Southern Denmark (SDU)	DK	375	University of Florence	IT
324	University of Miami	US	375	University of Turku	FI
326	Istanbul Technical University	TR	377	University of Tsukuba	JP
326	Daegu Gyeongbuk Institute of Science and Technology (DGIST)	KR	377	Nankai University	CN
328	University of Delhi	IN	377	Pontificia Universidad Javeriana	CO
328	Kyung Hee University	KR	380	University of Kent	UK
328	Rutgers University–New Brunswick	US	380	Technische Universität Bergakademie Freiberg	DE
331	Sun Yat-sen University	CN	382	University of Pisa	IT
332	American University of Sharjah	AE	383	Anna University	IN
332	University of East Anglia (UEA)	UK	384	Western Sydney University	AU
334	Université Grenoble Alpes	FR	385	Universiti Brunei Darussalam (UBD)	BN
335	Indian Institute of Technology Roorkee (IITR)	IN	385	South China University of Technology	CN
336	Flinders University	AU	387	Belarusian State University	BY
336	University of the Philippines	PH	388	Universidade Nova de Lisboa	PT
336	Lappeenranta-Lahti University of Technology LUT	FI	389	Virginia Polytechnic Institute and State University	US
336	Sichuan University	CN	389	University of Cyprus (UCY)	CY
340	University of South Australia	AU	389	Università Vita-Salute San Raffaele	IT
340	University of Saskatchewan	CA	392	National Taiwan University of Science and Technology (Taiwan Tech)	TW
342	Brunel University London	UK	393	University of California, Santa Cruz	US
342	Sharif University of Technology	IR	393	University of Rome "Tor Vergata"	IT
344	Tufts University	US	393	National and Kapodistrian University of Athens	GR
344	University of Oulu	FI	396	University of Southern Queensland	AU
344	Indian Institute of Technology Guwahati (IITG)	IN	396	Université de Liège	BE
347	University of Naples - Federico II	IT	396	Northeastern University	US
347	Tilburg University	NL	396	Ruhr-Universität Bochum	DE
349	University of Victoria (UVic)	CA	396	Sejong University	KR
350	Cairo University	EG			
350	Sciences Po	FR			

Meet Your AI Recruiter

By Chloë Lane

Less than two years have passed since ChatGPT was first released to the public. For many, OpenAI's chatbot was their first real introduction to AI technology.

Now, in 2024, AI is being used regularly in many different industries and is continuing to grow. The global market for AI in education is expected to reach \$6 billion by 2025.

In higher education specifically, one of the ways it is used is in helping students decide where to study. Over a third of students surveyed in a recent QS report said that Generative AI has influenced their choice of course, university and career.

When considering a study destination, applicants understandably have plenty of questions for students and faculty at their institution of interest. However, these questions can often go unanswered for a long time if asked outside of standard helpdesk hours. This is where AI chatbots come in.

AI alone is not enough to attract the best candidates

At the Open Institute of Technology (OPIT), an online institution which specialises in tech degrees, students undoubtedly prefer to interact with real tutors and appreciate the opportunity to meet professors and classmates face-to-face, even in a virtual setting. But when it comes to student recruitment, Greta Maiocchi, Head of Marketing and Admissions, can certainly see the appeal of an AI chatbot.

"AI chatbots can provide immediate answers at any time of day or night, which can be very convenient for students with busy or irregular schedules," she says. "They can efficiently handle routine inquiries and provide instant information, but they do not replace the depth that human interactions offer."

She raises the point that while AI chatbots can offer quick responses, they are limited by the data used to train them and might not fully address specific or nuanced queries. Besides, the empathy and personalised support provided by human interactions are crucial and cannot be easily replaced.

"Human touch fosters a sense of belonging and support that is essential for a fulfilling educational experience," she admits.

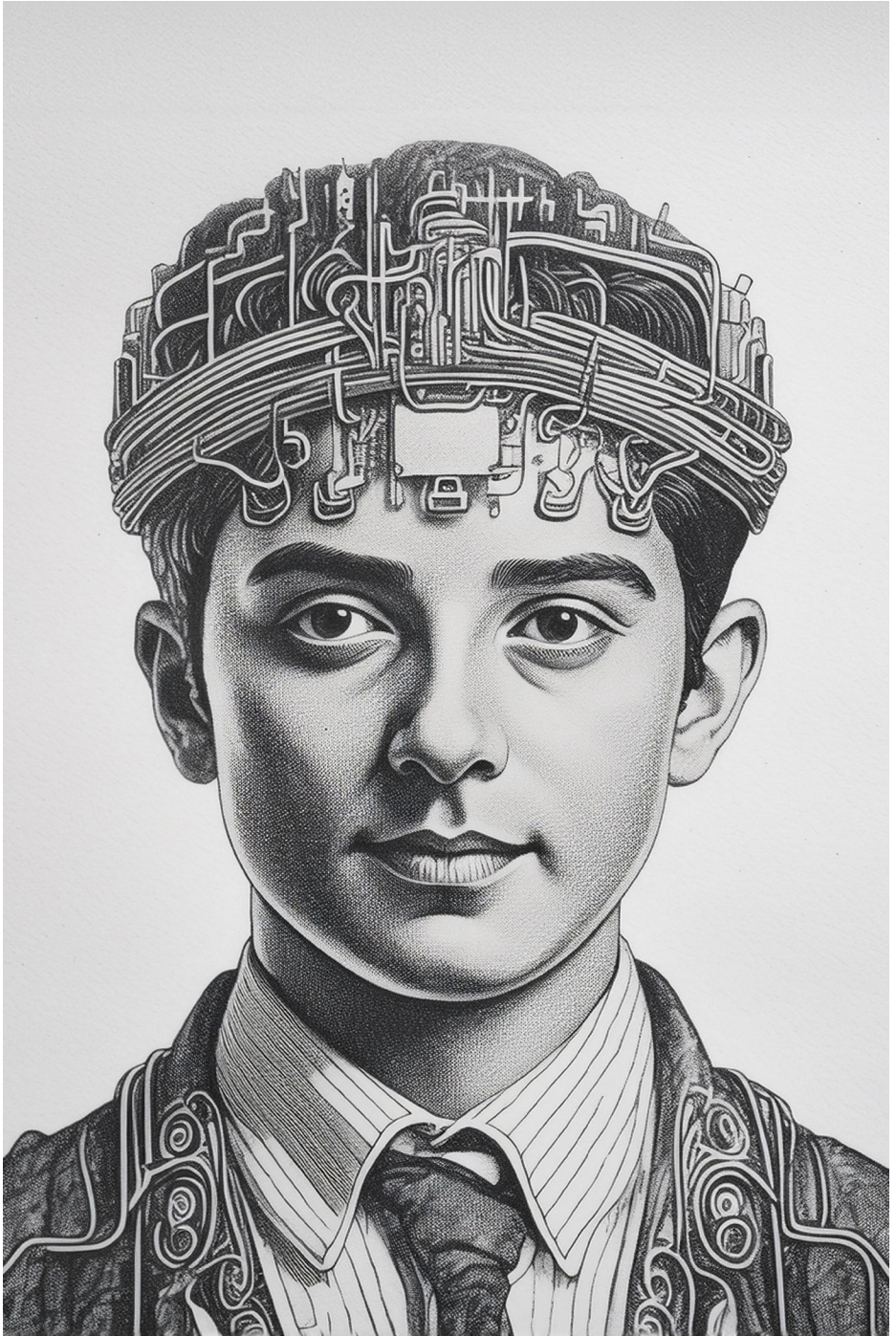
A combination of AI chatbots and human interactions would therefore be the most effective approach for student recruitment, Maiocchi believes. This approach, she says, will maximise efficiency while maintaining the personal touch that students value.

Transparency is a key factor to consider, adds Maiocchi. Students should always be informed when they are interacting with an AI chatbot, ensuring that they know when to expect automated responses and when to seek more personalised assistance.

"Recruitment offices can restructure to maximise efficiency by utilising AI for routine tasks but should always ensure that human staff are available to offer the necessary depth and personalised touch that prospective students often seek," she advises.

"Ensuring a human presence, especially in the later stages of the recruitment process, is crucial for building trust and fostering a positive experience."

However, AI chatbots can often provide good advice when steered correctly, says Abdelmounaim Derraz, Executive Director of the ESSEC Metalab at ESSEC Business



School in France. Students are realising this and are already interacting with AI tools for their study choices, he says. This will only become more generalised.

Derraz says that an academic institution's role will be to curate or build the right AI agents that are both academically verified and tailored to the needs of its students. He agrees it should be clear when the AI agents are involved and when humans take the lead.

"Schools will need to leverage their academic footprint, history and culture and blend it with AI tools to deliver more competitive advantages to their students, as international competition over the best candidates is heating up," he says. "This will come both from the best human and AI student experience."

AI as the front-line service

When faced with the prospect of a long wait from an admissions team, applicants may prefer to get their queries dealt with immediately using AI-enhanced systems, suggests Amir Michael, Head of the Accounting Department and Professor of Accounting at the UK's Durham University Business School.

"This is a possible option where AI acts as a first layer of service to deal with queries and then more complex cases can be escalated to an admission team member," says Michael. "In this case, AI will be acting as a front-line service filter for queries, where only cases with some level of complexity will be dealt with by a human member of the team."

Using AI as a front-line service, he states, will improve efficiency and provide better utilisation of technology as well as human time. "It is a digitalisation of the Q&A in order to deal with the volume of questions and queries in a timely manner."

He imagines that in the future, AI may also act as a marketing tool, similar to using AI-powered search engines and social media adverts. This tool can be advanced to include universities, courses or programmes.

Another way AI might soon be used is to generate predictive models that can forecast the types of questions applicants ask, providing reasonable answers to them. An advanced AI model could deal independently with some of these queries with the flexibility to adjust the algorithmic model depending on the type, theme and patterns of data.

"This will improve candidates' satisfaction and enhance conversion rates, even though they know that a machine is responding to their queries," states Michael.

Sorting through masses of content

When it comes to researching a school, a chatbot can complement traditional methods, helping students more easily find the information and resources they need to make an informed decision, explains Julien Manteau, Associate Dean for Communication, Marketing and Development at NEOMA Business School in France.

Despite a chatbot's abilities, it cannot replace an active approach on the part of the student.

AI chatbots can be a useful tool for students who are overwhelmed with the plethora of university or business school content available on their websites, brochures, social media and YouTube channels. However, universities' chatbots are not the only AI tool used by students when researching different institutions.

Many students supplement their research by consulting ChatGPT, as it allows them to easily compare different schools, Manteau reveals. While this might be useful initially

for narrowing down options, when it comes to deciding between two institutions, students still usually need human interaction to be able to envision themselves at a school.

“While interaction with a chatbot is an opportunity for dialogue, it does not really meet this need for human interaction, especially since AI (at least for now) is trained to emphasise the importance of forming a personal opinion by consulting ‘real people,’” explains Manteau.

An AI chatbot can supplement this interaction by helping students find the necessary testimonials and resources, as well as guiding them through the application steps.

“For example, students particularly appreciate videos, which allow them to better envision and qualitatively understand the personalities of various schools. A chatbot can help identify which videos to watch,” he says.

Chatbots can also provide valuable insights into candidate trends and preferences, enabling more targeted recruitment strategies, adds NEOMA’s Alain Goudey, Associate Dean for Digital.

“This technology will create increased efficiency with customised answers and reduced response times, which should improve candidates’ satisfaction,” says Goudey. “However, this technological shift necessitates adaptation and training for recruitment staff, as well as the integration of the tech with existing CRM and IT systems.”

Goudey stresses the need for this data to be treated with conscientiousness and respect GDPR, which requires users are made aware of and consent to the ‘who, what, when and why’ of collecting their data, and the AI Act, which stresses transparency in the use of AI.

Drawbacks that outweigh the benefits

Contrastingly, some higher education institutions have made a conscious decision to avoid AI chatbots. When it comes to using AI in student recruitment, Nyenrode Business University in the Netherlands believes there are currently more possible drawbacks than there are benefits.

One of the major concerns the school has is the risk of errors and inaccuracy, particularly if the AI chatbots are not carefully and punctiliously programmed and regularly updated.

“It’s important to provide precise and accurate information, so prospective students can make clear decisions about their future education,” says Anne-Marie Houten, Team Lead Programme Advisor for the Accountancy, Controlling Tax & Management Degree Programmes at Nyenrode Business University.

Another concern is the time and effort required to load and maintain a chatbot with the necessary information. Developing a chatbot that can accurately and effectively address the wide range of questions and concerns that prospective students may have is a substantial undertaking – one that involves extensive data input, continuous monitoring and regular updates to ensure the information remains up to date and relevant.

For a business school like Nyenrode, which offers an extensive set of programmes, this task can be quite intensive. Each academic programme has its own unique set of information, requirements and nuances that a generic chatbot might not handle well, explains Houten.

“Creating specialised chatbots for each programme would involve a significant investment of time and resources, which is not feasible for us at this moment,” she says. “Lastly, since we are a private university and always stand for a personal approach

and attention, we do not believe that using AI chatbots for recruitment aligns with the image we strive to project or support.”

The business school is not writing off AI chatbots completely, however.

Houten reveals that Nyenrode may eventually use AI chatbots for specific scenarios, such as fairs and events, where the focus is on one programme. “A chatbot could serve as a pilot or test case to handle short inquiries and provide basic information efficiently,” she says.

This controlled setting will enable Nyenrode to assess the chatbot’s effectiveness and gather insights without compromising the overall quality of its recruitment efforts.

Researching AI chatbots

Similarly, the University of Sussex Business School is yet to implement AI chatbots in its recruitment strategy. However, the school is exploring how the technology can help alleviate pressures associated with the large volumes of applications at certain times in the recruitment process.

“I see chatbots playing a role in answering questions from potential applicants regardless of the time zone, and, for example, during clearing,” says Farai Jena, Associate Dean and Professor of Economics.

Despite understanding their advantages, the issue is not a key focus currently. The UK school is instead using AI to enhance its teaching, learning, assessments and access to academic support resources.

“We have a number of school-led initiatives in place to pilot AI initiatives. We’re in the process of engaging with and training faculty to be more conversant with AI tools and capabilities,” she says.

Imperial College Business School is also currently investigating the best AI tools to improve the student recruitment experience. Instead of AI chatbots, the UK school is looking to develop a tool that will help to match participants to the best programmes for their learning needs and goals.

“This will include the use of predictive analytics to identify which candidates will be more likely to be accepted to which programme,” explains José Rosario, Director of Business Development for Open Programmes. “It would provide the additional layer of assurance for learners that they are enrolled on the best programme possible for their current learning and networking needs.”

The AI payoff

It’s no longer a question of whether AI will impact student recruitment, but how.

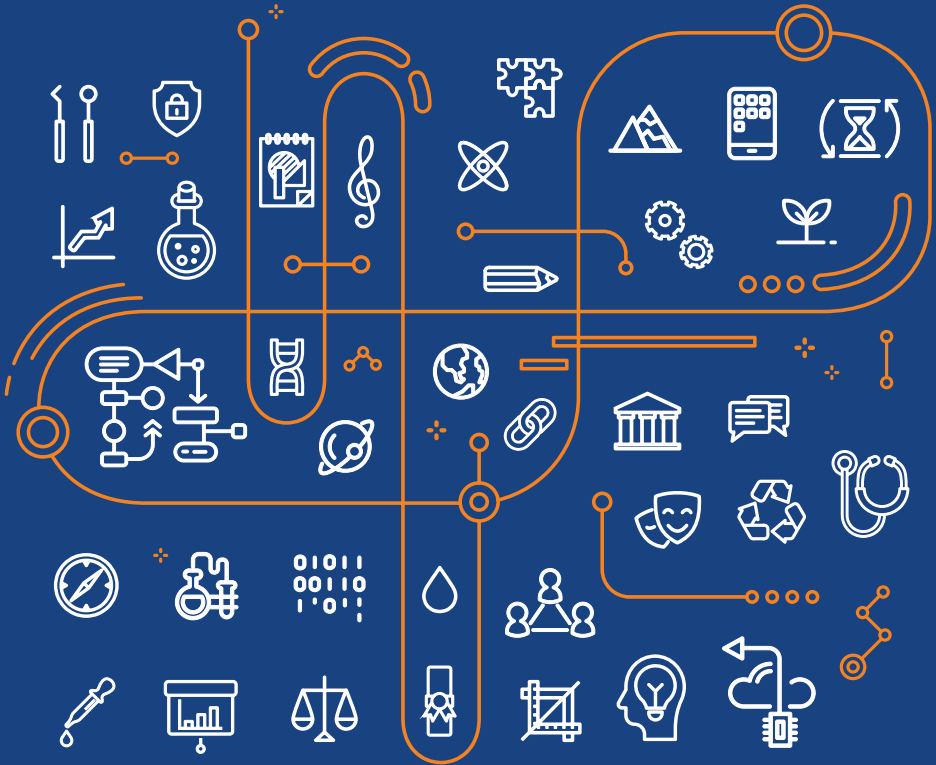
Currently, the schools that have implemented AI chatbots appear not to be replacing admissions staff, but instead are using the technology to automate routine questions and free up human time. This enables recruitment offices to focus on more complex queries, offering more support and in-depth responses, improving the overall applicant experience.

However, from our conversations, students’ preferences appear to lean away from AI chatbots, despite the significantly faster response time.

It is now up to schools to decide how to navigate this payoff, to give potential students the best possible experience when deciding where to study.

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401	Koç University	TR	451	University of Electronic Science and Technology of China	CN
401	Kazan (Volga region) Federal University	RU	452	University of Kansas	US
403	University of Canberra	AU	452	University of Stirling	UK
403	Amirkabir University of Technology	IR	452	National Taiwan Normal University	TW
405	Satbayev University	KZ	452	Beihang University (former BUAA)	CN
405	Institut National des Sciences Appliquées de Lyon (INSA)	FR	456	University of Guelph	CA
405	USI - Università della Svizzera italiana	CH	456	Umea University	SE
408	Masaryk University	CZ	456	Université de Strasbourg	FR
408	Birkbeck, University of London	UK	456	Moscow Institute of Physics and Technology (MIPT / Moscow Phystech)	RU
410	HSE University	RU	460	Stony Brook University, State University of New York	US
410	The American University in Cairo	EG	461	Universidad de Santiago de Chile (USACH)	CL
412	Auckland University of Technology (AUT)	NZ	462	Universidad de Sevilla	ES
413	Yeshiva University	US	462	Tampere University	FI
413	Graz University of Technology	AT	464	Macau University of Science and Technology	MO
415	Concordia University	CA	465	Kobe University	JP
416	Technion - Israel Institute of Technology	IL	466	University at Buffalo SUNY	US
416	Oxford Brookes University	UK	466	Universität Konstanz	DE
418	University of Dundee	UK	466	Washington State University	US
418	Boğaziçi University	TR	466	Universitat Ramon Llull	ES
420	Czech Technical University in Prague	CZ	470	Iowa State University	US
421	Dublin City University	IE	471	Ben-Gurion University of The Negev	IL
421	University of Limerick	IE	472	Essex, University of	UK
423	Université Laval	CA	472	Johannes Kepler University Linz	AT
423	Aston University	UK	474	Bangor University	UK
425	National Taipei University of Technology	TW	474	Universität Potsdam	DE
426	Leibniz University Hannover	DE	474	Hiroshima University	JP
426	IPB University (a.k.a. Bogor Agricultural University)	ID	477	Royal Holloway University of London	UK
428	Southeast University	CN	477	Bilkent University	TR
428	Julius-Maximilians-Universität Würzburg	DE	477	Ajman University	AE
430	University of Science and Technology Beijing	CN	477	Indian Institute of Technology Indore (IIT Indore)	IN
431	University of Granada	ES	481	Aix-Marseille University	FR
431	Central South University	CN	481	The University of Tennessee, Knoxville	US
431	Tomsk State University	RU	481	Pontificia Universidad Católica Argentina	AR
434	University of Sharjah	AE	484	China Agricultural University	CN
435	IE University	ES	485	National Sun Yat-sen University	TW
436	Universitat Politècnica de València	ES	485	American University of Ras Al Khaimah (AURAK)	AE
436	Murdoch University	AU	487	Universität Mannheim	DE
436	Iran University of Science and Technology	IR	488	University of Hawai'i at Mānoa	US
439	Vilnius University	LT	489	Chung-Ang University (CAU)	KR
440	Università degli Studi di Pavia	IT	489	University of Jyväskylä	FI
440	Singapore University of Technology and Design	SG	489	UNESP	BR
442	Colorado State University	US	489	Shanghai University	CN
442	Università Cattolica del Sacro Cuore	IT	489	Isfahan University of Technology	IR
442	Novosibirsk State University	RU	489	Chongqing University	CN
445	James Cook University	AU	495	Central Queensland University (CQUniversity Australia)	AU
445	Universitat de Valencia	ES	495	Duy Tan University	VN
445	Justus-Liebig-University Giessen	DE	497	University of California, Riverside	US
448	Université de Montpellier	FR	497	Universidad de Costa Rica	CR
448	Hunan University	CN	497	Jilin University	CN
448	Dalian University of Technology	CN	497	National Research Nuclear University MEPhI (Moscow Engineering Physics Institute)	RU

501	University of Huddersfield	UK	547	Northwestern Polytechnical University	CN
501	Colorado School of Mines	US	552	Al Ain University	AE
501	Johannes Gutenberg Universität Mainz	DE	552	University of Tabriz	IR
501	Abu Dhabi University	AE	554	Hasselt University	BE
501	East China Normal University	CN	554	Jordan University of Science & Technology	JO
506	University of Trento	IT	554	University of Dhaka	BD
506	University of Delaware	US	554	Universiti Utara Malaysia (UUM)	MY
508	SOAS University of London	UK	554	University Ulm	DE
508	Aristotle University of Thessaloniki	GR	559	Ulster University	UK
508	Shenzhen University	CN	559	Peter the Great St. Petersburg Polytechnic University	RU
511	Ewha Womans University	KR	559	Umm Al-Qura University	SA
511	Zhengzhou University	CN	562	Université Claude Bernard Lyon 1	FR
513	University of Milano-Bicocca	IT	562	Universiti Teknologi Brunei	BN
513	Imam Abdulrahman Bin Faisal University (IAU) (formerly UNIVERSITY OF DAMMAM)	SA	564	Eötvös Loránd University	HU
513	Prince Mohammad Bin Fahd university	SA	565	University of Connecticut	US
516	Ateneo de Manila University	PH	565	Nanjing University of Science and Technology	CN
516	University of Hull	UK	567	Chiang Mai University	TH
516	Kyungpook National University	KR	567	MGIMO University	RU
516	Ural Federal University - UrFU	RU	567	Lebanese University	LB
516	Sabancı University	TR	570	University of Szeged	HU
516	INTI International University	MY	570	University of the Punjab	PK
516	Edith Cowan University	AU	570	University of Chemistry and Technology, Prague	CZ
523	Canadian University Dubai	AE	573	Florida State University	US
524	Pusan National University	KR	574	Florida International University	US
524	Universidad Austral	AR	574	University of Debrecen	HU
526	Coventry University	UK	576	Southern Cross University	AU
526	Universität Jena	DE	576	Sogang University	KR
527	Universität Leipzig	DE	576	Universidad Adolfo Ibáñez	CL
527	University of Bayreuth	DE	576	National Research Tomsk Polytechnic University	RU
527	Warsaw University of Technology	PL	580	Jawaharlal Nehru University	IN
527	Missouri University of Science and Technology	US	580	Université Paul Sabatier Toulouse III	FR
531	University of Bradford	UK	580	Management and Science University	MY
531	University of Utah	US	580	Jinan University (China)	CN
531	Indian Institute of Technology (BHU) Varanasi	IN	580	Politecnico di Bari	IT
534	Universidad Nacional de La Plata (UNLP)	AR	585	Singapore Management University	SG
535	University of Eastern Finland	FI	585	Institut Teknologi Sepuluh Nopember (ITS Surabaya)	ID
535	Northumbria University at Newcastle	UK	587	University of Kwazulu-Natal	ZA
535	University of Bordeaux	FR	587	The University of Georgia	US
535	Lahore University of Management Sciences (LUMS)	PK	587	Shoolini University of Biotechnology and Management Sciences	IN
539	University of Salamanca	ES	587	Universiti Teknologi MARA - UiTM	MY
539	Université de Fribourg	CH	587	Bond University	AU
539	Sunway University	MY	592	Nottingham Trent University	UK
539	Hitotsubashi University	JP	592	Universität Bremen	DE
539	Applied Science University - Bahrain	BH	592	Ain Shams University	EG
544	Universidad de Zaragoza	ES	595	ITMO University	RU
544	Universidad Pontificia Comillas	ES	596	Thammasat University	TH
547	University of Genoa	IT	596	Universitas Padjadjaran	ID
547	University of Windsor	CA	596	University of Iowa	US
547	Tashkent Institute of Irrigation and Agricultural Mechanization Engineers - National Research University (TIAME-NRU)	UZ	596	University of Texas Dallas	US
547	University of Iceland	IS	596	University of Ljubljana	SI

601-610	Manchester Metropolitan University (MMU)	UK	641-650	De La Salle University	PH
601-610	Ca' Foscari University of Venice	IT	641-650	Beirut Arab University	LB
601-610	University of South Carolina	US	641-650	University of the Basque Country	ES
601-610	Paris Lodron University of Salzburg	AT	641-650	Soochow University	CN
601-610	University of Hohenheim	DE	641-650	Symbiosis International (Deemed University)	IN
601-610	National Chengchi University	TW	641-650	East China University of Science and Technology	CN
601-610	Rensselaer Polytechnic Institute	US	651-660	Universidade de Santiago de Compostela	ES
601-610	Universität des Saarlandes	DE	651-660	Palacký University Olomouc	CZ
601-610	Kingston University, London	UK	651-660	University of Zagreb	HR
601-610	Illinois Institute of Technology	US	651-660	University of Houston	US
601-610	King Khalid University	SA	651-660	HUFS - Hankuk (Korea) University of Foreign Studies	KR
601-610	University of Crete	GR	661-670	Sofia University "St. Kliment Ohridski"	BG
611-620	University of Minho	PT	661-670	Aberystwyth University	UK
611-620	Christian-Albrechts-University zu Kiel	DE	661-670	National Chung Hsing University	TW
611-620	Taipei Medical University (TMU)	TW	661-670	University of Plymouth	UK
611-620	Pontifícia Universidade Católica do Rio de Janeiro	BR	661-670	Memorial University of Newfoundland	CA
611-620	Eastern Mediterranean University	NCY	661-670	University of Manitoba	CA
611-620	Brno University of Technology	CZ	661-670	City University of New York	US
611-620	American University of the Middle East	KW	661-670	Universidad de la República (Udelar)	UY
611-620	Asia Pacific University of Technology and Innovation (APU)	MY	661-670	Comenius University Bratislava	SK
611-620	University of Klagenfurt	AT	661-670	ISCTE - Instituto Universitario de Lisboa	PT
621-630	Charles Darwin University	AU	661-670	International Islamic University Malaysia (IIUM)	MY
621-630	Universidad de Alcalá	ES	661-670	Free University of Bozen-Bolzano	IT
621-630	University of South Florida	US	661-670	Tokyo Medical and Dental University (TMDU)	JP
621-630	University of Tromsø The Arctic University of Norway	NO	671-680	University of Haifa	IL
621-630	Renmin (People's) University of China	CN	671-680	Karl-Franzens-Universitaet Graz	AT
621-630	Istanbul University	TR	671-680	Universidade Federal de Minas Gerais	BR
621-630	Tallinn University of Technology (TalTech)	EE	671-680	Bar-Ilan University	IL
621-630	American University in Dubai	AE	671-680	Abai Kazakh National Pedagogical University	KZ
621-630	Zayed University	AE	671-680	Kazakh National Agrarian University KazNAU	KZ
621-630	Auezov South Kazakhstan University (SKU)	KZ	671-680	Martin-Luther-Universität Halle-Wittenberg	DE
621-630	Abo Akademi University	FI	681-690	Jeonbuk National University	KR
621-630	Universidad de Palermo (UP)	AR	681-690	Temple University	US
631-640	Universidad de Concepción	CL	681-690	University of New Brunswick	CA
631-640	Inha University	KR	681-690	Goldsmiths, University of London	UK
631-640	Ajou University	KR	681-690	Princess Nourah bint Abdulrahman University	SA
631-640	University of Portsmouth	UK	681-690	China University of Mining and Technology	CN
631-640	Chang Gung University	TW	681-690	Indian Institute of Technology Hyderabad	IN
631-640	Boston College	US	681-690	Prince Sultan University	SA
631-640	Tulane University	US	681-690	University of Agriculture, Faisalabad	PK
631-640	China University of Petroleum	CN	691-700	University of Brescia	IT
631-640	Savitribai Phule Pune University	IN	691-700	Universidade Federal do Rio Grande Do Sul	BR
631-640	Far Eastern Federal University	RU	691-700	Universidade Federal de São Paulo	BR
641-650	Ritsumeikan University	JP	691-700	University of Siena	IT
641-650	Hacettepe University	TR	691-700	Norwegian University of Life Sciences (UMB)	NO
641-650	Lehigh University	US	691-700	Universidad de La Habana	CU
641-650	National Central University	TW	691-700	Universidad Panamericana (UP)	MX
641-650	Oregon State University	US	691-700	Universidad Central de Venezuela	VE
641-650	University of Missouri, Columbia	US	691-700	University of Greenwich	UK
641-650	Universiti Tenaga Nasional (UNITEN)	MY	691-700	Shiraz University	IR
			691-700	Chandigarh University	IN

691-700	Pakistan Institute of Engineering and Applied Sciences (PIEAS)	PK	741-750	Universidad Católica Andres Bello	VE
701-710	Lebanese American University	LB	741-750	Universidad de Montevideo (UM)	UY
701-710	University of Nebraska - Lincoln	US	751-760	University of Messina (UniME)	IT
701-710	Dongguk University	KR	751-760	Universidade de Brasília	BR
701-710	University of Oklahoma	US	751-760	Kaunas University of Technology	LT
701-710	Taras Shevchenko National University of Kyiv	UA	751-760	University of Malta	MT
701-710	Beijing University of Chemical Technology	CN	751-760	Instituto Tecnológico Autónomo de México (ITAM)	MX
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711-720	Saint Joseph University of Beirut (USJ)	LB	761-770	Bangladesh University of Engineering and Technology	BD
711-720	Ahlia University	BH	761-770	King Faisal University	SA
711-720	Lingnan University, Hong Kong	HK	761-770	Nanjing University of Aeronautics and Astronautics	CN
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711-720	The National University of Science and Technology MISIS	RU	771-780	Chiba University	JP
711-720	Ton Duc Thang University	VN	771-780	University of Maryland, Baltimore County	US
711-720	Université de Franche-Comté	FR	771-780	Universidad del Rosario	CO
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721-730	Jadavpur University	IN	771-780	Université de Tunis El Manar	TN
721-730	Konkuk University	KR	771-780	University of Pecs	HU
721-730	University of Modena and Reggio Emilia	IT	771-780	Addis Ababa University	ET
721-730	Université de Lille	FR	771-780	Bournemouth University	UK
721-730	Diponegoro University	ID	771-780	China University of Geosciences	CN
721-730	Drexel University	US	771-780	Colegio de México	MX
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721-730	Lanzhou University	CN	781-790	University of Latvia	LV
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731-740	Université Côte d'Azur	FR	781-790	The New School	US
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741-750	Universiti Malaysia Pahang	MY	791-800	University of New Mexico	US
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741-750	University of Westminster	UK	791-800	Ivane Javakishvili Tbilisi State University	GE
741-750	Vytautas Magnus University	LT	791-800	Universidad de Antioquia	CO
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741-750	Universität Regensburg	DE	791-800	Alfaisal University	SA
741-750	V. N. Karazin Kharkiv National University	UA			

What Does the Future Hold for Online Learning?

By Nick Harland

"In the pandemic, the entire world shifted - from 'online is not possible' to 'online is possible,'" Martin Butler explains to *QS Insights Magazine*, fittingly, over Zoom. Butler is the Programme Director of the online MBA at Vlerick Business School in Belgium, and has been running online courses for almost a decade now. In a sector that has changed beyond recognition in that time, he believes it is about to change shape once again. "I think we're now in the middle of a second shift."

Zoom, Teams, synchronous, asynchronous, video conferencing... they're all words that ghosted rather than forced their way into our collective vocabulary after the COVID-19 pandemic. But our shared understanding of these terms is representative of the modern, more discerning online student. As schools around the world hurriedly shoved in-person courses online during the pandemic, many students experienced distance learning for the first time. Those early encounters have shaped their perceptions of it.

"Because of the rapid growth of online education and some subpar experiences, you have participants that have consumed something online and it wasn't a fantastic experience," says Butler. "So, there's a once-bitten, twice-shy attitude in terms of some of the exposure of these programmes."

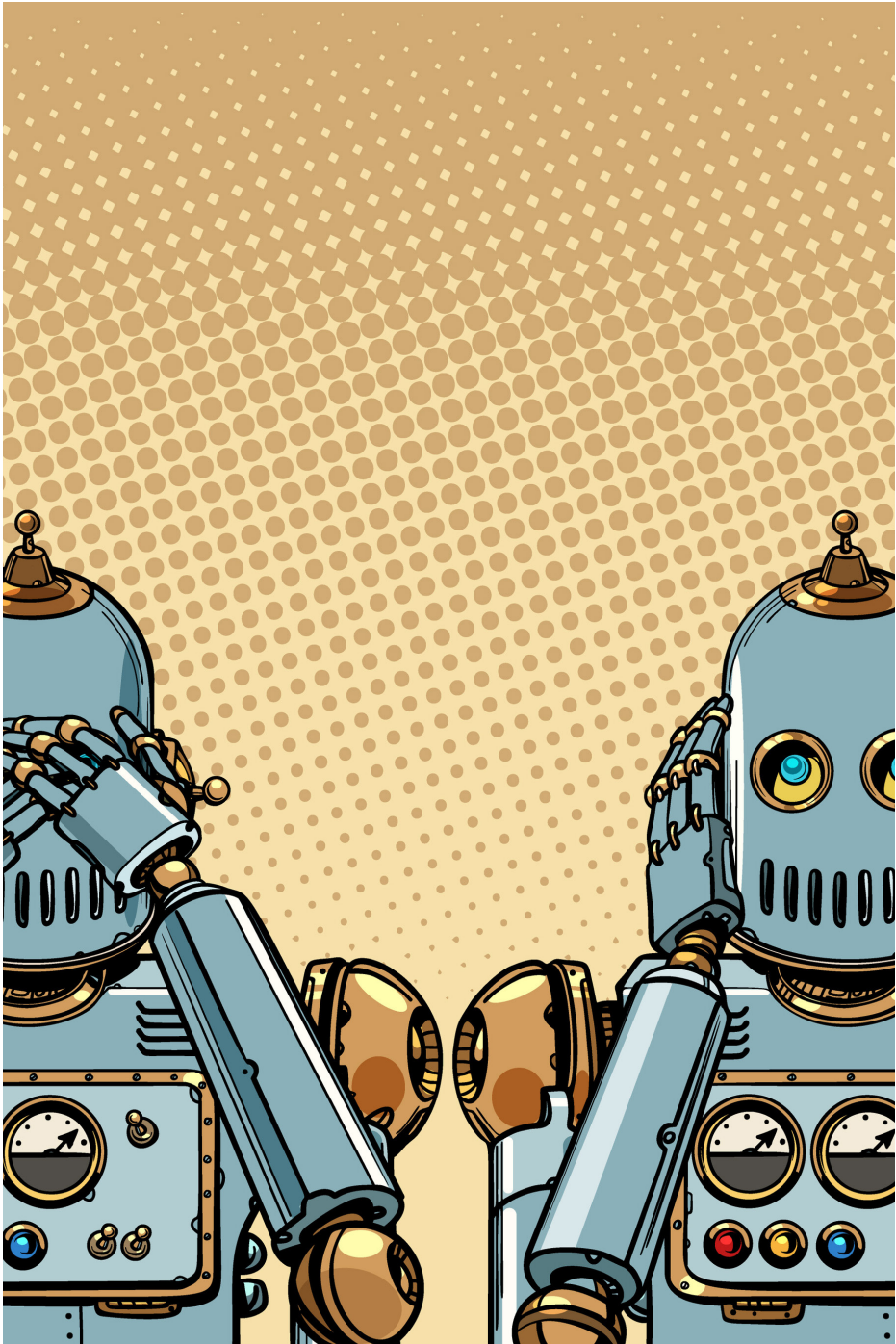
Peter DeVries, CEO of the Canadian-based higher education management software Modern Campus, adds: "What the COVID pandemic should have taught higher education institutions is that programming alone - and the quality of faculty - isn't enough to truly meet the needs and expectations of modern learners."

Although some voices predicted that online learning would become the post-COVID study format of choice, it hasn't quite worked out that way. According to figures from the US National Center for Education, in 2018/19 the proportion of students taking online courses was 35 percent. In 2021, that figure skyrocketed to 59 percent. But that proved to be its high water mark. It has since fallen year-on-year to 53 percent - below 2021's peak, yet still above pre-pandemic levels.

Those figures are also reflected in student demand for MBA programmes. In 2020, a staggering 84 percent of business schools reported a growth in applications for online programmes. By 2022, that figure had fallen to just 19 percent.

Clearly those lockdown-fuelled levels of interest were never going to be sustained. But as demand starts to level off, distance learning looks to be entering its next phase. Because although interest in the format is higher than pre-pandemic levels, questions around its credibility continue to linger. One global survey from this year found that 44 percent of online students still think an in-person course is more valuable. Another study revealed that the majority of employers believe in-person courses provide employees with better technical, leadership and communication skills. Just 54 percent of those employers valued online and in-person programmes equally.

So how can schools overcome these preconceptions? Sandra Affenito is the chief academic officer and provost of Post University in the US, which has been offering online courses since 1996. Affenito believes robust accreditation is one way of dispelling some of those doubts. "You want to make sure you have that seal of approval from accrediting bodies," Affenito explains. "It's key - not only for our students, but we also



want to make sure what we do is measured. It makes sure our online programmes meet the standard, so that means optimal delivery and rigour.”

Distance learning also comes with elements that in-person options can't match. Nirmal Kumar recently completed an online MBA at Shiv Nadar University in India. “The best part is that you can try implementing small things that you learn during the online programme in your working environment,” he says.

Does he feel he missed out on the in-person experience? “Yeah, kind of. You get to make meaningful connections with others only when you meet them in person. Apart from that, there is no difference academically.”

A graduate of the online MBA at Florida Gulf State University, who asks to remain anonymous, agrees. “My current job came through my personal network - I wouldn't have been approached if I didn't have an MBA. No-one has ever asked or inquired if it was online or not.”

For Charles Reid, the value of online study has never been in question. He's currently pursuing his second online degree: this time, an MBA from Boston University after previously earning a Master's in Communication. Studying online has meant he has been able to learn without putting his career on hold. “My first one got me a seat at the executive table at my previous company and more than paid for itself,” he reflects. “The one I'm currently earning is plugging in some knowledge gaps about business in general, but I'd say it's worth it so far. Great instructors and program and I don't have to move away from the San Francisco Bay Area, where I've built my career.”

Yet there's no question that the format still has its limitations. That's certainly what Ron Duerksen has come to realise. He's the Global Executive Director of the International Masters Program for Managers (IMPM) at Canada's McGill University, one of the many institutions forced to move teaching online during the pandemic. He has since decided to offer affected students the chance to retake the IMPM in-person.

“While an online senior leadership program can work well, there are some things which are more difficult to replicate online,” he admits. “Given that Cycle 23 participants did not have the chance to visit three countries and three of our academic partners, we agreed to let them attend the current modules in person at no cost. Several participants have taken advantage of this and really enjoyed meeting a new set of participants and immersed themselves into the in-person experience they missed.

“Company visits and interactions and discussions after class with the professor and fellow participants is also hard to recreate online,” he continues. “And in-person is much better to experience the local culture and business environment first-hand.”

Joe Gollner was one of those affected students at McGill. While he acknowledges the unique elements of in-person learning, he believes a combination of the two is always going to come out on top. “It's not an either/or scenario when we are thinking about online and in-person - it is both/and. The intentional blending of online and in-person experience wins hands-down.”

Rather than a future where we have to choose between online and in-person, it seems much more likely that barriers between the two will continue to blur. Many in-person degrees already feature some form of distance learning within the curriculum, while interest in hybrid programmes - a combination of online and in-person study - is outpacing that of 100 percent online courses.

Still, it certainly feels as if there's plenty of untapped potential for online education providers. Butler compares the industry's current situation to that of music streaming.

"It's like creating Spotify and still forcing me to buy 12 tracks for a particular price. That's what we've kind of done with education now. We've put it in a format where we can assemble a much more interesting qualification – but we don't do that. You still have to consume it from one place."

"Now, I have to do an entire online MBA from the Open University. Why can't I instead say: the best leadership is in America, the best manufacturing is in Munich, the best finance is in London...why can I not assemble my own programme?"

Butler at Vlerick Business School also sees the future as one with a greater distinction between the different types of online programmes. In the same way that you could choose between full-time or part-time degrees, he says you should also be able to choose between different types of online degree: asynchronous or synchronous, high touch or low touch. That greater level of personalisation could bring better value for money for students.

So what now for online learning? While it's unlikely to hit the heights of the COVID era again, programmes are continuing to improve at a rapid rate: better planned, better delivered, more affordable. It's the only option if schools want to satisfy the demands of the modern student – one who knows their asynchronous from their synchronous.

"Your average student nowadays will let you know if they think your online practices are not good enough," says Butler. "I think there's really going to be a backlash from online students if we think that what we have done over the last year or two is good enough. We have to constantly move with the times."

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801-850	Kuwait University	KW	851-900	Technological University Dublin	IE
801-850	Liverpool John Moores University	UK	851-900	Kansas State University	US
801-850	Universitas Brawijaya	ID	851-900	Chonnam National University	KR
801-850	Instituto Politécnico Nacional (IPN)	MX	851-900	Yildiz Technical University	TR
801-850	Gdańsk University of Technology	PL	851-900	North-West University	ZA
801-850	University of Alicante	ES	851-900	Universita' degli Studi di Ferrara	IT
801-850	Rutgers University-Newark	US	851-900	UNIVERSITY OF GDANSK	PL
801-850	Universiti Tunku Abdul Rahman (UTAR)	MY	851-900	Chungnam National University	KR
801-850	University of Bucharest	RO	851-900	Okayama University	JP
801-850	University of Bari	IT	851-900	University at Albany SUNY	US
801-850	Universidad San Francisco de Quito (USFQ)	EC	851-900	Thapar Institute of Engineering & Technology	IN
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801-850	Università degli Studi di Perugia	IT	851-900	University of Ghana	GH
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801-850	Universidad Iberoamericana IBERO	MX	851-900	Vietnam National University, Hanoi	VN
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			851-900	Kyrgyz Russian Slavic University	KG

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AI Education Explosion

By Seb Murray

When ChatGPT burst onto the scene in late 2022, its creators could scarcely have predicted the extent to which their conversational agent would help reconfigure not just industries, but education itself.

In a little over two years, the platform has been adopted by more than 400 million users, inspired the launch of thousands of enterprise tools and triggered mass rethinking around knowledge work – from software engineering to legal research to copy-writing. But perhaps most quietly transformative has been the effect on professional learning: a global surge in demand for AI literacy, and the rapid expansion of short-form, stackable educational offerings promising exactly that.

The result is a market undergoing swift reinvention. Alongside the conventional degree, learners are flocking to what could be called “credential capital”: a new class of bite-sized, résumé-enhancing certificates that sit at the intersection of executive education and continuing professional development.

A new kind of learner

According to data from online learning platform Coursera, enrolments in generative AI courses rose by an extraordinary 1,060 percent last year. The uptick was especially pronounced in Latin America and the Caribbean, where participation climbed 882 percent over the same period – underscoring a broad and intensifying demand for AI education worldwide.

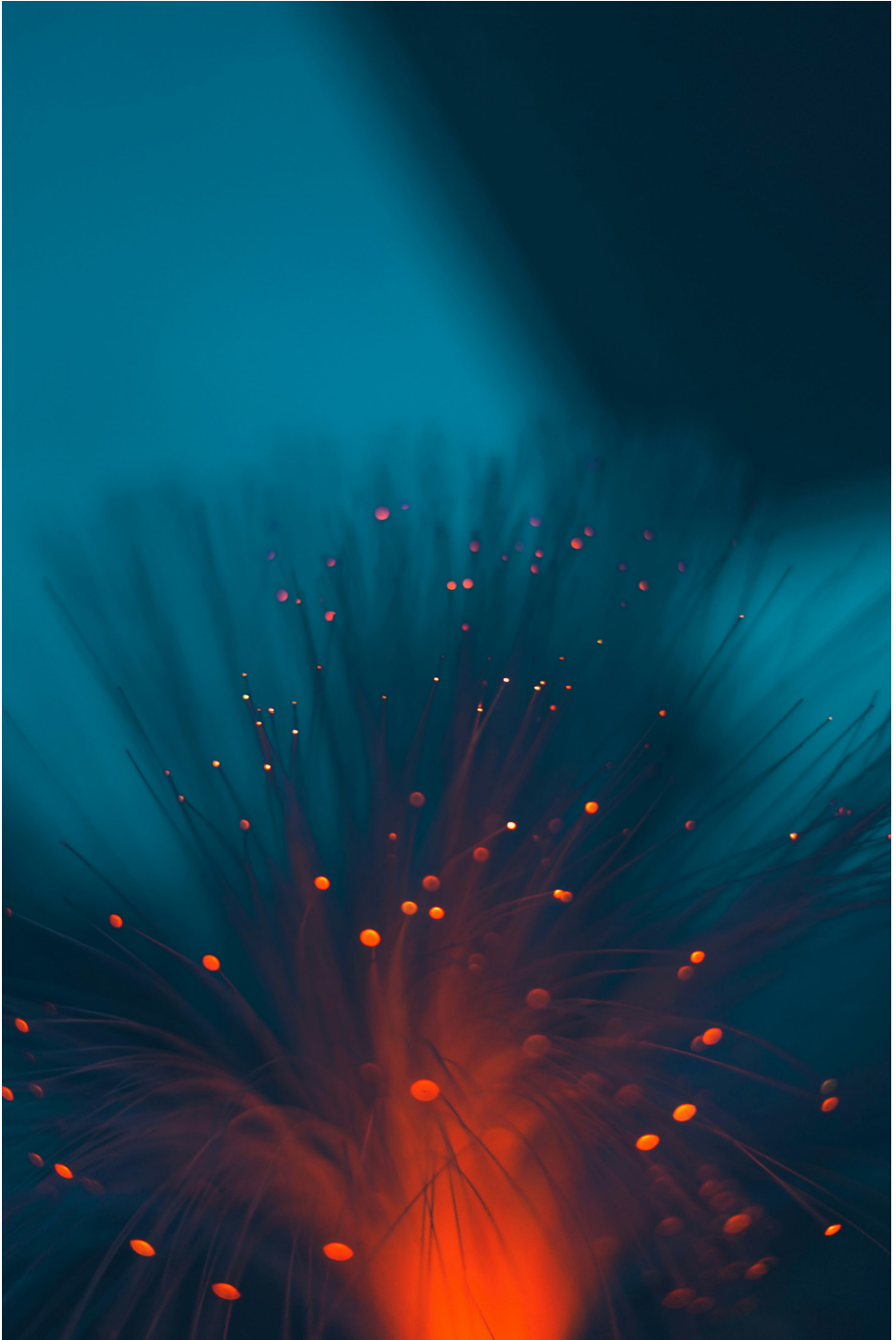
At rival platform edX, which partners with institutions such as MIT and the University of Oxford, executive education programmes in AI-related courses recorded a staggering 424 percent increase in 2023, attracting more than 14,000 participants in 12 months. The figures point to intensifying demand for AI fluency, particularly among mid-career professionals.

But the most striking change is not volume – it is profile. These are not traditional students. A growing number of these students are working professionals, aged 30 to 55, already employed in mid- to senior-level roles. They include product managers seeking to integrate machine learning into roadmaps, HR leaders hoping to automate performance reviews, and general managers asked to optimise costs using AI – but often without any prior training.

“It is not just the young who need educational opportunities – technological change makes lifelong learning vital,” Jonathan Michie, President of Kellogg College at the University of Oxford told the Financial Times. “Since 2010 there has been a decline in adult education, part-time degrees and work-based training [in the UK].”

The market’s growth reflects a broader unease about redundancy in a world increasingly structured around algorithmic competence – the ability to work with AI tools to complete tasks.

According to research by learning platform Kahoot, 46 percent of employees fear their skills will be obsolete within five years – with nearly a third expecting it even sooner. Based on a survey of 1,041 office workers across tech, healthcare and finance, the findings reflect rising anxiety in a labour market being reshaped by automation.



And, a survey by online learning company Simplilearn shows 65 percent of respondents were last year enrolled in online certification courses – a figure that underscores the accelerating pivot toward digital-first, career-focused learning.

The stackable revolution

To meet this demand, elite institutions have begun offering modular, “stackable” qualifications designed for flexibility. At the forefront is Switzerland’s IMD Business School, whose newly launched Executive Master’s in AI and Digital Business Transformation programme is emblematic of the trend.

The programme lets participants tailor their learning – choosing from IMD’s executive education courses and completing the degree in 18 months to five years.

“We know that professionals want control over their learning, they want to deliver results quickly for their organisation and they want a powerful credential,” says Misiek Piskorski, IMD’s Dean of Executive Education.

Participants conclude the programme with a faculty-supervised capstone project, aimed at solving a real challenge within their organisation – an arrangement designed to maximise immediate return on investment for employers and participants alike.

From prestige to portability

What makes these programmes distinctive – and commercially potent – is their modular structure. Rather than offering a single, monolithic degree, they are composed of stackable components: certificates, short courses and credentials that can be accumulated over time. Each module serves as a standalone proof point of expertise, offering flexibility for busy professionals and clarity for employers.

The appeal stands in sharp contrast to more traditional pathways, which have come under increasing scrutiny. In a pointed critique in FT, Euan Blair, founder of UK-based training platform Multiverse, : “The challenge of higher education and even traditional corporate learning is there is a complete lack of direction or consequences. The measure of success of colleges is not successful careers for their students.”

Still, many in higher education argue that universities provide more than just career training – the educational journey offers critical thinking, intellectual breadth and social capital that short-form learning alone may not deliver.

Nonetheless, there’s a broader trend toward the “LinkedInfication” of learning. Digital certificates – complete with institutional branding and embedded metadata that verify a credential – are now prominently displayed on social media profiles, CVs and job applications. For recruiters and employers, they offer a real-time snapshot of an individual’s evolving skillset. For learners, they offer a way to move forward in their careers without stepping away from work.

This flexibility is helping to reshape how professional success is credentialed. In a 2023 survey by Coursera, 63 percent of employers said an industry micro-credential would favourably influence their decision when evaluating candidates with otherwise similar academic backgrounds.

Institutional realignment

The rise of credential-based education is not only driven by learner demand. It also reflects changing incentives among universities themselves, some of which face stagnating degree programme applications, growing pressure to diversify revenue and a crowded global education market.

Between 2010 and 2022, US college enrolment fell nearly 15 percent, from 18.1 million to 15.4 million students. Driven by a shrinking demographic, rising tuition costs and growing scepticism about the value of a traditional degree, the decline has pushed some institutions to cut budgets, close campuses or pivot toward non-degree, job-focused credentials – gradually reshaping the role of higher education.

Business schools, especially, have moved quickly to expand their executive and non-degree offerings – once peripheral, now central to strategy. Yet demand for the full-time MBA has held up better than expected, reflecting a broader reality: traditional degrees still hold ground in fields requiring formal accreditation, such as law, medicine and education, or where employers value theoretical depth and established networks, as in engineering, academia and the sciences. For many, the degree remains both a gateway and a signal of long-term intent.

The network dividend

But the value of modern programmes increasingly extends beyond the curriculum. One of their lesser-discussed strengths is the network effect: rather than moving through a fixed cohort, participants rotate through modules alongside new peers – often from entirely different sectors, functions or geographies.

The result is a broader, more dynamic professional network. Over time, this creates an ever-expanding matrix of “weak ties” – the kind social scientists have long identified as a key driver of unexpected opportunity.

“When we look at the experimental data, weak ties are better, on average, for job mobility than strong ties,” said Sinan Aral, a management professor at MIT and co-author of a study based on millions of LinkedIn users.

That network, for many participants, is as valuable as the credential itself – a source of fresh ideas, cross-industry benchmarking and, in some cases, lateral career opportunities.

A hedge against uncertainty

Still, the boom in AI education is not just about ambition – it is about survival. With white-collar automation accelerating, professionals are acutely aware that skills acquired even five years ago may now be obsolete.

A 2023 edX survey found that 49 per cent of executives believed nearly half of workforce skills would be obsolete by now – underscoring rising concern over capability gaps and the shrinking shelf-life of expertise.

“We have to understand that everyone will be an AI person, just at different levels of proficiencies,” Kian Katanforoosh, lecturer at Stanford University and CEO of virtual skills platform Workera, told Forbes. “Most of us are users of AI, interfacing with AI, calling APIs and language models to solve problems.”

In this context, micro-credentials are not merely an educational trend. They are becoming a form of professional insurance: a way of signalling adaptability, maintaining employability and, perhaps most importantly, buying time.

The credential economy

As AI shifts from a nice-to-have to a must-have, education providers face a familiar challenge: scale without dilution. With so many new credentials entering the market, questions around quality assurance, recognition and long-term value will become more pressing.

Digital credentialing platform Accredible said that in 2024, its clients launched more than 101,000 new courses – a 26.5 percent increase on the previous year, reflecting the rapid expansion of the market.

Industry observers caution that not all credentials are created equal. Already, websites such as Class Central have begun ranking and auditing certificate programmes, while LinkedIn has introduced vetting mechanisms for adding credentials to user profiles.

But the underlying shift appears irreversible. The credential economy – modular, digital and demand-driven – is rapidly challenging the traditional degree-dominated model. For professionals, the implications are clear: lifelong learning is no longer optional, and agility has become a more potent career advantage.

For institutions, the stakes are equally high. In an increasingly disintermediated market, those that fail to adapt risk not just irrelevance, but invisibility.

And for everyone else – the managers, the marketers, the lawyers, the engineers – the path forward is beginning to look something like this: no sabbaticals, no campus cafés, no dorms. Just a stack of certificates, an active LinkedIn profile, and a calendar blocked out for another AI module, somewhere between quarterly planning and the school run.

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1401+	California State University, Long Beach	US	1401+	Universidad Bernardo O'Higgins	CL
1401+	Católica de Córdoba	AR	1401+	Universidad Católica de Colombia	CO
1401+	East West University	BD	1401+	Universidad Católica de La Santísima Concepción - UCSC	CL
1401+	Fundación Universidad De Bogotá-Jorge Tadeo Lozano	CO	1401+	Universidad Católica de Temuco	CL
1401+	Humboldt State University	US	1401+	Universidad Central de Chile	CL
1401+	Illinois State University	US	1401+	Universidad de Caldas	CO
1401+	Indian Institute of Information Technology, Allahabad	IN	1401+	Universidad de Carabobo	VE
1401+	Indiana State University	US	1401+	Universidad de Cartagena	CO
1401+	International University of Business Agriculture and Technology	BD	1401+	Universidad de Córdoba - Colombia	CO
1401+	Irkutsk State University	RU	1401+	Universidad de Cuenca	EC
1401+	Korkyt Ata Kyzylorda University	KZ	1401+	Universidad de Guanajuato	MX
1401+	Kwansei Gakuin University	JP	1401+	Universidad de La Salle	CO
1401+	Lucian Blaga University of Sibiu	RO	1401+	Universidad de La Serena	CL
1401+	M.Kh. Dulaty Taraz Regional University	KZ	1401+	Universidad de las Fuerzas Armadas ESPE (Ex - Escuela Politécnica del Ejército)	EC
1401+	MIREA - Russian Technological University	RU	1401+	Universidad de Medellín	CO
1401+	Moscow City University	RU	1401+	Universidad de Santander - UDES	CO
1401+	Naresuan University	TH	1401+	Universidad de Sonora	MX
1401+	National University of Life and Environmental Sciences of Ukraine	UA	1401+	Universidad del Cauca	CO
1401+	National University of Modern Languages (NUML), Islamabad	PK	1401+	Universidad del Valle de Mexico (UVM)	MX
1401+	Nova Southeastern University	US	1401+	Universidad Michoacana de San Nicolás de Hidalgo	MX
1401+	Pontificia Universidade Católica de Minas Gerais - PUC Minas	BR	1401+	Universidad Nacional de Quilmes	AR
1401+	Pontificia Universidade Católica do Campinas - PUC Campinas	BR	1401+	Universidad Nacional de Tucumán	AR
1401+	Pontificia Universidade Católica do Paraná	BR	1401+	Universidad Nacional del Comahue	AR
1401+	Russian State Agrarian University - Moscow Timiryazev Agricultural Academy	RU	1401+	UNIVERSIDAD POLITÉCNICA SALESIANA	EC
1401+	Russian State University for the Humanities	RU	1401+	Universidad Popular Autónoma del Estado de Puebla (UPAEP)	MX
1401+	Sakarya University	TR	1401+	Universidad San Ignacio de Loyola	PE
1401+	Shanghai Normal University	CN	1401+	Universidad Técnica Particular De Loja (UTPL)	EC
1401+	Shibaura Institute of Technology	JP	1401+	Universidad Tecnológica de Bolívar	CO
1401+	Silpakorn University	TH	1401+	Universidad Tecnológica de la Habana José Antonio Echeverría, Cujae	CU
			1401+	Universidad Tecnológica de Pereira	CO
			1401+	Universidad Veracruzana	MX
			1401+	Universidade do Estado de Santa Catarina	BR

1401+	Universidade Estadual de Londrina	BR
1401+	Universidade Federal da Paraíba	BR
1401+	Universidade Federal de Goiás	BR
1401+	Universidade Federal de Uberlândia	BR
1401+	Universidade Federal do Estado do Rio de Janeiro - UNIRIO	BR
1401+	Universidade Federal do Pará - UFPA	BR
1401+	Universitas Andalas	ID
1401+	Universitas Kristen Petra	ID
1401+	Universitas Muhammadiyah Surakarta	ID
1401+	Universiti Sains Islam Malaysia	MY
1401+	University of Central Oklahoma	US
1401+	University of Craiova	RO
1401+	University of Lampung	ID
1401+	University of Mataram	ID
1401+	University of Montana Missoula	US
1401+	University of Oradea	RO
1401+	University of San Carlos	PH
1401+	University Politehnica of Timisoara, UPT	RO
1401+	Western Washington University	US

Starting From Scratch

By Rohan Mehra

If you ask someone on the street to name a university and they attended one, they'll probably respond with their alma mater. Otherwise, it's likely they'll name somewhere famous that's consistently high in the rankings, you know the ones.

It will vary from place to place, but generally, long established and highly visible universities tend to garner more recognition than those from other regions, especially when a university is new on the scene. This raises the question; how does a rising university gain a reputation? After all, reputation is critical in the higher education sector.

Universities vary in their attempts to build reputation, depending on things like geographic considerations, academic position, aspirations and other goals and strategies they pursue. It's common for such institutions to emphasise what makes them unique, or especially capable in some particular way. And across the board, those emerging universities that demonstrate success in building a reputation in their early years, tend to be those with a strong focus on communication. Where the promotion of their goals and accomplishments are built right into the university's strategic policies themselves, rather than left as an afterthought.

Amina Lahbabi is Head of Corporate Communications at the University Mohammed VI Polytechnic (UM6P) in Morocco, the highest-ranking university in North Africa, which opened its doors to students in 2017. UM6P aims to respond to the needs of African economies by leveraging international connections amongst other things.

"UM6P has expanded its presence internationally through campuses in France and Canada, with future openings planned in Côte d'Ivoire and the United States," says Lahbabi. "Through these, we raise our international reputation by building bridges between Africa and the rest of the world, in particular by connecting with the international diaspora attached to Morocco. These citizens of the world are our ambassadors, helping us to spread the word about the best that Africa has to offer."

Having satellite campuses and strong ties with alumni and other parties of interest are tried and tested strategies common to many universities. So UM6P are also keen to highlight what makes them stand out.

"A more unconventional aspect of UM6P is our learning-by-doing educational philosophy that makes concrete practice a prerequisite for students' completion of modules," Lahbabi says. "For this, we provide a number of living laboratories which replicate real life conditions necessary for students' studies to accurately reflect reality.

"We also actively encourage peer-to-peer learning. For example, our '1337' coding school has no professors, no classes and no academic conditions for admission."

Such initiatives aim to attract the kind of students and researchers who seek a more holistic academic experience beyond just labs and exams. A major reason for building a good reputation to begin with is to attract such people, innovators, entrepreneurs and so on.

One advantage some newly established universities have is a greater agility when making decisions and, more often than not, a bolder attitude, allowing for the pursuit of lucrative opportunities older universities might hesitate over. Nazarbayev University (NU) in Kazakhstan's capital of Astana adopts its own ways to reach what it considers



the best of the global academic talent pool.

"It is the first university in Kazakhstan to operate on principles of autonomy and academic freedom," says Gaukhar Abeuova, Head of PR at NU. "The country's leadership recognises the importance of world-class research-based academically independent institutions for national and regional prosperity and for gaining respect on the world stage. But it is difficult for a young university to compete with universities with hundred-year histories, which have been developing their brand reputation for centuries."

Since its inception in 2010, NU has established strategic partnerships with top universities and research institutions around the world, including the National University of Singapore, the University of Cambridge, the University of Pennsylvania, Lawrence Berkeley National Laboratory, and many others. They find such collaborations nurture a network of top talent, essential to building capability and also to lodge the name firmly in the minds of key stakeholders.

"NU faculty and researchers have published 9,104 scientific publications indexed by Scopus since 2011. And 35 out of 51 Kazakhstani scientists in the top 2 percent of researchers according to Stanford University represent our university. Our job in PR is to tell audiences about these successes, thereby building the reputation of the university," says Abeuova.

"Given our audience, one challenge for us is that we produce our content in three languages - English, Kazakh and Russian. But we also have to contend with stereotypes that European education is somehow superior. So the PR office runs activities such as meetings, memorandums, campus tours, conferences, and training with strategic partners, all of which help dispel these myths and clichés."

Another young institution where PR is a key means to building reputation is the Okinawa Institute of Science and Technology (OIST) in Japan. Established in 2011, OIST was first envisioned in 2001 by Koji Omi, then Japan's Minister of State, as a way to revitalise Okinawa through science, technology, and locally focused sustainable development.

"Our main challenges in increasing international recognition are our relatively short history, our modest size, and growing an alumni network," says Director of Communications, Natsuki Matsumoto.

"We prioritize steady enhancement of our research, education, innovation, and outreach. Effectively communicating these achievements internationally, nationally, and locally, is key to building a strong reputation. For example, in 2022, OIST Adjunct Professor Svante Pääbo was awarded the Nobel Prize in Physiology or Medicine. He chose to establish a lab here due to OIST's interdisciplinary environment, and this idea has proven highly attractive to potential recruits."

OIST was built with a strong interdisciplinary focus from the start, and having English as its primary language helps set it apart from other universities in Japan. And of course, communicating these aspects is important, which is why OIST has a large PR team that promotes the university in a fully bilingual approach, also distinguishing it from other Japanese universities.

"It's important to communicate what makes us unique," says Matsumoto. "One distinct advantage we promote is our 'high-trust funding' model that provides five-year funding to faculty based on past performance and rigorous external evaluations, ensuring excellence and accountability. This way of working enables our scientists to focus on their research without short-term budgeting constraints."

There are no quick solutions to building a good reputation in this sector, and I believe the most effective approach is to continue the steady, strategic efforts we have been making.”

So, while some strategies for building a reputation, such as broadcasting achievements, are common to all universities, methods unique to new universities, in particular those outside the Euro-American sphere, require more novel approaches. Some emerging universities demonstrate success in rapidly gaining notoriety, climbing rankings, and securing good researchers.

The key seems to be highlighting how these institutions are innovative and differentiate themselves from others. After all, academics, students, researchers, and professors, are all people, with varying motivations and desires regarding what they want from their careers in research, and where they spend their time.

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Xi'an Jiaotong Liverpool University

QS Yearbook: What is your long-term vision for Xi'an Jiaotong Liverpool University's role in attracting international students and enhancing XJTLU's educational influence globally?

Qiuling Chao: Since its founding in 2006, XJTLU has aimed to be a unique, research-driven, international university in China. Our goal is to become a world-class institution with a global perspective and make XJTLU a dream destination for students. That's our long-term vision.

XJTLU is different from traditional Eastern or Western universities. We focus on what the future needs: using technology to drive innovation. Our programmes are designed to prepare students for the fast-changing global economy and accelerated technological development. By working closely with industries, we ensure our courses match what employers are looking for, so our graduates stand out in the job market.

We are building a new kind of university that combines the best of Eastern and Western educational philosophy. We offer a diverse learning experience and encourage students to grow in a multicultural environment. With its rapid development of advanced technology, China's economy, technology, education and culture are approaching the centre of the world stage. China now has the world's largest engineering education system, with 35 percent of the world's engineering students. Over the past 30 years, China has produced over 17,000,000 engineer graduates, providing a strong base for technological development.

Both Chinese and international students benefit from studying in a country which has invested significantly in science and technology and promotes research in cutting-edge fields. XJTLU is a research-led international university in China and a Chinese university recognised internationally for its unique features. Our graduates are the

best ambassadors for the education they receive at XJTLU in China – they pursue advanced study at the top universities in the world and work in leading companies around the globe. This is a clear way we are enhancing both XJTLU's and China's educational influence worldwide.



YB: Given the diverse international student body at XJTLU, what measures are in place to ensure the quality of teaching and learning for those students?

QC: Teaching quality is the core of our university's sustainable growth. At XJTLU, we provide international students with a high-quality teaching and learning experience and ensure they excel, not only academically, but also in their personal development. For example, one of the core values of our university is being student-centred. Student representatives can sit on university and



school-level committees to report their feedback on learning, teaching and campus life.

Second, currently 23 undergraduate and 23 master's programmes are certified by international bodies. This proves that our teaching quality is internationally recognised. Meanwhile, other emerging programmes are also strong.

Furthermore, we have strategically developed three kinds of education models to cultivate future-oriented talent. They are: 1.0, upgrading traditional programme-based education through combining the best of the East and West; 2.0, exploring Syn-integrated Education, through which we collaborate with industry to develop future industry leaders; and 3.0, creating an innovation system composed of university, industry and society.

We ensure our programmes keep up with the changing demands of the global job market. This provides international students with forward-thinking and flexible learning experiences. For international students, free Mandarin classes and cultural workshops help international students to adapt to life in China. It also helps them gain a deeper understanding of current developments in China. They also can bring the technologies they learn about here back to their own countries. Furthermore, we provide courses that emphasise cross-cultural teamwork and problem solving to prepare students for global careers. I think these measures are very useful and could increasingly attract more international students to join us.

YB: XJTLU has seen impressive growth in its international partnerships. Could you highlight a few key collaborations that have significantly contributed to your global education network and the impact they've had?

QC: XJTLU has partnerships with around 123 top universities abroad from 34 countries. Our collaboration includes student exchange programmes, short-term courses

during winter and summer breaks, our Study in China programmes, visiting scholar opportunities and social practice projects. We give students chances to gain experience overseas. XJTLU has strong partnerships with top universities, research institutions and companies worldwide. For example, our project collaborators include the British Embassy in China, Michigan State University in the US and Lancaster University in the UK. Every year we arrange for many students to study abroad. Our students are very interested in these exchange programmes and projects during summer and winter vacations.

We also collaborated with the University of Liverpool in the UK, one of our parent universities, to establish the XJTLU Offshore Innovation Centre for Emerging Technologies in the Joint Research Centre for Pharmacology and Therapeutics.

Furthermore, XJTLU partners with many multinational companies; for example, we invite executives from companies like Johnson & Johnson and Chevalier to give industry talks, organise students to visit companies like Flexor and Mondelēz and encourage others to set up internships. These partnerships give students valuable career development opportunities while strengthening the ties between the university and industry. This collaboration ensures our courses stay relevant to market needs.

These partnerships give many students the opportunity to study, to learn first-hand and to intern. I think these experiences are very important.

YB: In what ways has the university leveraged its international network to enhance its research, teaching and community engagement?

QC: Internationalisation is a key trait in higher education and XJTLU has made it a core strategy to attract global talent. XJTLU focuses on five areas to boost internationalisation: students, faculty, courses, research and global online learning.



In the area of hiring international faculty, around 35 percent of our full-time teachers are from abroad. XJTLU has strong research partners with many universities and institutions worldwide. For example, in 2024 alone, we offered 44 international research funding opportunities in the fields of AI, medicine and renewable energy. These projects are funded by organisations from the US, UK, Germany, France, Spain, Finland, Denmark and others, including big names like the Bill & Melinda Gates Foundation and Volvo.

As I mentioned earlier, there are many multinational companies around XJTLU which provide valuable opportunities for our students and for university-industry partnerships. XJTLU also focuses on developing students' global skills. Every year we send students to internships or trainings at international organisations to build their global awareness and extend their horizons. We use these resources from the outside to boost our university's internationalisation.

YB: How does XJTLU facilitate meaningful cultural exchange beyond the classroom and what role do student organisations play in fostering these interactions?

QC: XJTLU actively recruits students from different countries and regions. Currently there are over 1,500 international students on campus. This diverse student body enriches cultural exchange and encourages interaction among students from different backgrounds. XJTLU promotes cultural exchange outside the classroom in many ways, and our student organisations play a key role in these interactions. For example, XJTLU has around 235 student clubs that organise over hundreds of events every year. These clubs provide a platform for both Chinese and international students to connect and communicate.

Every year, XJTLU hosts several large annual events, such as the Club Culture Festival, International Cultural Bazaar and XJTLU International Day. These events include markets, performances, talks and hands-on experiences, helping break down cultural barriers and make the campus more diverse, open and international. The university encourages international students to take part in campus activities. They plan active roles hosting and assisting at major events like opening and graduation ceremonies. These activities enrich their campus life and broaden their perspectives.

YB: What are some of the areas where you've seen the most significant progress in fostering cross-cultural understanding on campus, and what strategies contributed to that success?

QC: We have made great progress in four aspects. For example, in multicultural events: the university regularly hosts cultural events that blend Eastern and Western traditions. We celebrate festivals from across cultures, creating a diverse and welcoming atmosphere that's very popular among international students. The marketing office for international students often make different types of videos that give potential students a real look at campus life and opportunities for cultural exchange. These videos provide a forum for international students to express how much they value diversity.

We often share government job updates with international students and help them find international internships and jobs that fit their goals; this makes it easier for them to understand the job market and plan their careers. We also conduct trainings to help students improve their cross-cultural communication. This includes language lessons

and tips on understanding cultural differences so students feel more confident interacting in a multicultural environment.

YB: Given the rapid evolution of technology and global trends, how is XJTLU adapting its international education strategies to remain at the forefront of innovation?

QC: XJTLU focuses on technology-driven education. First, the research lab is central to XJTLU's philosophy. We embed it into our learning, teaching, research and management. In 2022, we launched an AI-empowered education strategy to integrate AI into teaching and learning. For example, we use a smart tutoring system that offers personalised support and answers questions in real time. More than 8 percent of our core courses use the AI tutor, which helps student performance.

Secondly, we have metaverse education. We have set up virtual classrooms and labs for immersive learning. We have integrated AI technology like DeepSeek and coding to build our own AI platform for teaching and researching. We are investing in high-performance computing and data centres to support complex research projects. Teachers and students get AI training at least twice a year, including workshops on ethics and tech applications. This ensures they can grasp the skills needed to use these cutting-edge tools. Through all these efforts XJTLU is boosting our teaching and research efficiency and building a future-focused education ecosystem to lead teaching and humanity. We think this strategy is very useful, very forward thinking, because today's technology develops so fast. Without these skills provisions and integrations of data and AI into our teaching and learning, we might not be able to keep this university sustainable. Therefore, it's important to always integrate new and advanced technology into our teaching and learning.

YB: Looking ahead, what are XJTLU's strategic priorities for international educational cooperation? What new partnerships or initiatives are you exploring?

QC: Internationalisation is a key goal and I am leading this effort. In the future we will first focus on expanding global recruitment. We are expanding our network of recruitment agents to reach emerging markets like Russia, Central Asia, the Middle East and South America while maintaining our presence in Europe, the UK, and the US.

Our goal is to increase international students to 30 percent of the student population in five years, creating a more diverse campus. We aim to partner with 150 leading universities this year, especially those in the top 100 of QS rankings, for short term programmes, long-term projects and joint research.

To meet rising demand, we will offer online Chinese-language courses tailored for English, Spanish, German and French speakers. Our Learning Mall platform will bring top courses from universities like MIT and companies like Huawei, focused on STEAM fields. We are building a borderless learning ecosystem; students can access world-class resources from anywhere. Internationalisation isn't just about numbers, it's about cultural exchange, shared knowledge and shared responsibility. XJTLU will remain open and inclusive, setting an example for global education partnerships. That's our strategy.

Sustainability Rankings

Sustainability is Powering the Future of Rankings	62
Methodology & performance lenses	68
Ranks	71
Top 500 - Social Impact indicator	90
Opening Doors	91
Ranks	97
Top 500 - Environmental Impact indicator	102
Business Education for Change	103
Ranks	107
Top 500 - Governance indicator	114
Extracurricular Advantage	115
Ranks	118

Sustainability is Powering the Future of Rankings

By Nick Harland

How exactly do you rank universities, anyway? There has never been an easy answer to this question, and you probably shouldn't expect one anytime soon. One of the problems, of course, is that each student has a different way of evaluating universities. Some prioritise a job afterwards. Others prefer to focus on student experience. And many see it as a way to meet new people and expand their horizons. Each perspective is equally valid.

But new ways of evaluating universities are always emerging. Nowadays, students aren't just looking for a university that'll provide them with a solid career and well-paid job. Now, they also want an institution that shares their values and will give them greater meaning in life. One way of judging that is through a school's commitment to sustainability.

The QS Sustainability Ranking is part of a new wave of rankings that aims to measure that commitment. Now in its third year, it ranks universities based on their environmental impact, social impact and governance. It flips the script on traditional measures, reflecting what students are looking for in 2025 and beyond.

"Our sustainability ranking was born out of the research we've been doing with students over a number of years," explains Leigh Kamolins, Director of Analytics and Evaluation at QS. "We found that students are starting to look into what universities and business schools are doing, to make sure they're going somewhere that is making some sort of positive impact on the world. This was the background to why we created a sustainability ranking."

This year's ranking is the biggest yet, with 1,400 universities taking part - up from 700 in the first edition. Kamolins says that it is the 'most complex' that QS does. The environmental component of the ranking is made up of three main lenses: education, research and sustainability. Some of the most important indicators include the school's volume of green-focused research, their reputation for sustainable education and the impact of alumni in the environmental sector.

But it's not just QS who are placing a greater focus on measures like these. In 2019, *Times Higher Education* (THE) launched their University Impact Ranking, which measures schools against the United Nations' 17 Sustainable Development Goals (SDGs). Meanwhile, the *Financial Times* have incorporated a range of sustainability indicators into their business schools rankings in recent years. Schools are now judged on whether they've set a net zero target, whether they've had a recent carbon audit, how much ESG content is taught within curriculums, and how closely aligned faculty research is with the UN SDGs.

The Financial Times' Global Business Education Editor Andrew Jack agrees that sustainability is a growing concern for students - and that is now being reflected in the rankings. "Certainly, an awful lot of students are increasingly focused on societal impact and values in what they want to study and where they want to work afterwards," he explains. "And on the business school side of things they're probably the biggest demander of change."

It's a sentiment backed up by statistics. According to the 2024 GMAC Prospective Students Survey, 68 percent of prospective business school students say the sustaina-

bility of an institution is important to them, whilst 36 percent of those students say they wouldn't consider a school that doesn't prioritise sustainability.

Away from the major providers, a number of standalone sustainability rankings have also started to emerge. Like the QS Sustainability Ranking, they eschew traditional indicators and rank schools based on modern student concerns.

The Corporate Knights Better World MBA ranking is one of the oldest, having first been published in 2004. Their methodology is fairly straightforward: it measures the proportion of sustainability courses embedded within an MBA programme. In 2024 an extra indicator measuring alumni impact in the environmental sector was added, though this doesn't affect the final ranking.

The latest to appear is the Positive Impact Rating, which was launched in 2020. Intriguingly, it doesn't rank business schools in numerical order. Instead, schools are grouped into different tiers of societal impact. This lessens the impact that small changes make to a ranking and could represent an interesting route forward for traditional university rankings.

On the face of it, this all sounds very straightforward. Students want to assess schools based on their environmental credentials, and these rankings are giving them a chance to do it. The problem? Assessing a school's green credentials is much easier said than done.

"It requires a balance between what is and what isn't possible to measure," says Kamolins, adding that it's often necessary to cross-check a school's claims using multiple sources. "Is what they're reporting to us consistent with what we're finding in other databases? If what they're claiming is inconsistent, we always seek some sort of evidence to support their claims."

One example of the challenge facing ranking providers is the world of ESG reports. They're not standardised, which can lead to huge variation in how schools report their carbon footprint. They also don't tend to be audited by accredited bodies, leaving ranking providers to authorise the data themselves.

Jack agrees that the lack of consistency in the sector is something that needs to be addressed. "There would be value in more consistent metrics, core metrics and standards that could be put together," he says, "because there's so much [variation] in that space." This variation also means it can be difficult to compare schools side-by-side.

Even the Positive Impact Report, which uses a simpler methodology based on student questionnaires, faces challenges. Without any quantifiable measures, opinions and surveys can be inconsistent and inaccurate. And whilst the Corporate Knights methodology is even simpler, it arguably doesn't go far enough when assessing the 'greenness' of a school.

Change is coming, however. ESG reports will soon be standardised in the UK and European Union, much like a company's financial accounts already are. This will help students to compare green credentials side-by-side, and maybe make the work of rankings providers a little easier. But it's the first step of a long journey towards climate transparency.

Clearly there's still no easy way to measure a school's carbon footprint. However, there is a growing belief among ranking providers that they could at the very least help to drive behavioural change amongst schools. After all, if a greater commitment to sustainability helps them climb the rankings, schools are unlikely to turn that opportunity down.

"I think there's a sense that we would see a value in schools, institutions, universities doing more in this space," says Jack. "So yes, it's showcasing, it's highlighting, it's encouraging sharing of best practices. But it's also nudging business schools, amongst others, to be more focused on sustainable or responsible business education going forwards."

Kamolins agrees that issues around sustainability are becoming a priority for schools as well as students. "It's probably only the last five to ten years where it has really been a hot topic of discussion. Before that it felt a bit secondary to everything else that was going on. Now addressing these issues seems to be one of the purposes of most universities."

As it becomes easier to measure a school's carbon footprint, rankings will play a vital role in shaping the behaviour of universities and influencing student decision-making. But as Jack admits, they're never going to be perfect. It's important to acknowledge those limitations whilst still recognising the value they can bring to students and schools.

"Rankings should only be one of a number of factors that you're looking at," he says. "And as we've always said, they should only ever be part of a wider decision-making process for students."

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WORLD UNIVERSITY RANKINGS

***NO.1** PVT. UNIVERSITY IN ACADEMIC REPUTATION

*In India by QS World Ranking 2025



WORLD UNIVERSITY RANKINGS

RANKED **239** ENGINEERING AND TECHNOLOGY

RANKED **312** SOCIAL SCIENCES AND MANAGEMENT



SHANGHAI RANKING

TOP 150 GLOBALLY TELECOMMUNICATION ENGINEERING TRANSPORTATION SCIENCE & TECHNOLOGY

*Academic Ranking of World Universities (ARWU) for Global Ranking of Academic Subjects



RANKED 46 IN INDIA (University category)



World University Rankings 2025

Times Higher Education World University Rankings 2025

501-600 BAND IN THE WORLD

7TH RANK IN INDIA

46

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FULL-TIME STUDENTS

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The role of universities in the face of global uncertainties

By Professor Cheryl de la Rey, Vice-Chancellor, University of Canterbury

What is the role of universities in the face of global uncertainties?

This was the pressing question university leaders from across the globe debated at a recent panel discussion in India. The event, the 2025 QS India Summit, cast the spotlight on the need to mobilise the transformative power of international collaboration in higher education.

The COVID-19 pandemic, economic volatility, and climate change have underscored the need for universities to adapt with agility and purpose. Uncertainty is not new to universities, what has changed, however, is the intensity, the pace of change, the multiplicity of change drivers and the complexity of challenges. As institutions that have demonstrated resilience over centuries, universities must now focus on not just surviving but leading through innovation, harnessing our expertise through partnerships, and a redefined approach to our social purpose. Universities are fundamentally social institutions, constantly evolving and as global uncertainties escalate and become more challenging, focussing on our purpose in society is essential.

One of the key lessons from the pandemic has been the importance of innovation and partnerships. To continue our academic mission in a time where the world faced lockdowns, universities had to adapt through innovation; with many institutions flipping to online teaching in a matter of days. Research and international education continued in new and innovative ways.

A discussion on 'frugal innovation' while in India resonated with me, particularly when reflecting on New Zealand's own approach to innovation. While we may not use the term 'frugal innovation', New Zealand's ability to 'punch above its weight' is well-documented. With a population of just five million, we have an exceptional number of high-tech start-ups per capita, particularly in Canterbury. Our ability to maximise available resources and to do things creatively has been a defining feature of our innovation ecosystem.

In a time when almost all universities are striving to do more with less, partnerships can bring ways to maximise resources, bring different perspectives to bear on complex challenges so that we are best positioned to contribute to economic growth and social wellbeing. Multilateral partnerships that bring universities closer to industry, government agencies and community groups can be powerful in driving positive changes.

At the University of Canterbury (UC), we have seen firsthand the power of these relationships in action. We commissioned a community impact report following the pandemic and it revealed the significant contribution UC has made to economic growth in our region, demonstrating that universities are not merely passive entities subject to global uncertainties but active leaders shaping the future.

New Zealand and India both have long histories of resilience and innovation, particularly in a post-colonial context where both nations have had to build their identities and economies with determination and creativity. Institutional partnerships between our countries hold immense potential in addressing current and future challenges, as our respective strengths complement each other, as well as there being many commonalities. We already have strong connections to build upon. For instance, UC's work

in green hydrogen has been significantly bolstered by our alumni from India—PhD graduates who are now successful industry leaders in renewable energy. These same alumni now play a key role in fostering partnerships between institutions and industries in India and New Zealand.

Innovation is more than a means for resilience—it is central to the social purpose of universities in a world of growing uncertainty, volatility and rapid change. And of course, it is central to the core mission of universities – education. A holistic view of education, encompassing the entire student experience ensures that students develop skills beyond the formal curriculum preparing them for success in a world more unpredictable than ever before.

At UC, our 170 student clubs and societies provide a distinctive platform for student innovation and engagement, offering hands-on learning with real-world applications. From entrepreneurial clubs—some supported by the UC Centre for Entrepreneurship—to our rocket-launching club, reflecting our strength in aeronautical science these groups empower students to develop transferable skills through competitions, consultancy projects, financial simulations, and cutting-edge technology exploration. By equipping students for high-growth industries and a low-emissions future, UC contributes to the long-term prosperity of Christchurch and Canterbury.

Although this historical juncture may feel especially challenging for universities as we face financial pressures, major geopolitical shifts, extreme weather and fundamental changes related to AI innovation, I am optimistic. Through collaboration, innovation, and a commitment to transformative partnerships, universities have the ability—and responsibility—to lead in times of change. By embracing our role as active agents in shaping the future, we can drive the progress that societies around the world aspire to achieve.



Methodology & performance lenses

The QS World University Rankings: Sustainability provides students with a unique lens on which institutions are demonstrating a commitment to a more sustainable existence.

More than just the commitment, it looks for outwards evidence of this - from the impact that alumni are making in science and technology to solve climate issues, to the impact of research being done across the UN's 17 Sustainable Development Goals.

The ranking evaluates the social and environmental impact of universities as a centres of education and research, as well as a major employers with the operational sustainability challenges of any large and complex organization.

In each of our rankings we use a range of measurements as part of our methodology. These can be split into three broad groups.

Each ranking is made up of a different group of measurements, with some being used across several rankings and others unique to one project.

This ranking has three categories: Environmental Impact, Social Impact and Governance. With each category, there are a series of performance lenses, themselves composed of an aggregated set of individual metrics.

Category	Overall Weight
Social Impact	45%
Environmental Impact	45%
Governance	10%

Eligibility

To be eligible for the Sustainability Rankings an institution must be eligible for one or all of the following:

- QS World University Rankings
- QS Rankings by Region
- QS Rankings by Subject

Business Schools are not currently eligible.

Inclusion

To be included in the Sustainability Rankings an institution must:

- Possess a non-zero score in 'Research Impact on SDGs for Environmental Research (Environmental Impact category)
 - Possess a non-zero score in at least 2 out of 4 SDG research metrics in the Social Impact category
1. EO2 - Research Impact on SDGs for Employment and Opportunities
 2. EQ1 - Research Impact on SDGs for Equality
 3. HW1 - Research Impact of SDGs for Health and Wellbeing
 4. IE1 - Research Impact on SDGs for Education

Breakdown of metrics

Environmental Impact

Lens	Metric	Weight
Environmental Education	EE1 - Academic Reputation in Earth & Environment	10%
	EE2 - Alumni Impact for Environmental Sustainability - Public and Third Sector	4%
	EE3 - Climate Science and/or Sustainability Courses	3%
Environmental Research	ER1 - Research Impact on SDGs for Sustainable Research	9%
	ER2 - Sustainable Research National Statistics	1%
	ER3 - Research Center with an Environmental Sustainability Focus	2%
	ER4 - Policy Citations (Environmental)	1%
Environmental Sustainability	ES1 - Alumni Impact for Innovation	5%
	ES2 - Member of an officially recognised sustainable group	1%
	ES3 - Climate change commitment (staff perception)	2%
	ES4 - Publicly available strategy or policy on sustainable procurement and investment	1%
	ES5 - Student Society focused on Environmental Sustainability	1%
	ES6 - Net Zero Commitment	1%
	ES7 - Emissions Efficiency	1%
	ES8 - Renewables Generated Onsite	1%
	ES9 - Progress Towards Target	1%
	ES10 - Policy on Climate Strategy	1%

Social Impact

Employability and Opportunities	EO1 - Employer Reputation	3%
	EO2 - Research Impact on SDGs for Employment and Opportunities	4%
	EO4 - Employment and Opportunities National Statistics	1%
	EO5 - Partnerships with Industry	2%
	EO6 - Skills Satisfaction	1%

Equality	EQ1 - Research Impact on SDG's for Equality	4%
	EQ2 - Student Gender Ratio	1%
	EQ3 - Faculty Gender Ratio	1%
	EQ4 - Women in Leadership Ratio	1%
	EQ5 - Equality, Diversity and Inclusion policy	1%
	EQ6 - Academic Equality (Staff View)	2%
	EQ7 - Disability Support	1%
	EQ8 - Equality National Statistics	1%
Health and Wellbeing	HW1 - Research Impact of SDGs for Health and Wellbeing	3%
	HW2 - Health Provision on Campus	1%
	HW3 - Health and Wellbeing National Statistics	1%
Impact of Education	IE1 - Research Impact on SDGs for Education	3%
	IE2 - Academic Reputation for Impact of Education	1%
	IE3 - Alumni Impact for Education	1%
	IE4 - Academic Freedom Index	1%
	IE5 - Impact of Education National Statistics	1%
Knowledge Exchange	KE1 - Knowledge Exchange: Progress / Dissemination	6%
	KE2 - Outreach and Community Engagement	1%
	KE3 - Staff perception	2%
	KE4 - Policy Citations (Social)	1%

Governance

Good Governance	GG1 - Ethics Culture	1%
	GG2 - Open-Access Publishing	1%
	GG3 - Dedicated staff / team for Sustainable Development	1%
	GG4 - Transparent financial reporting	1%
	GG5 - Student's Union	1%
	GG6 - Student Representation in Governance	1%
	GG7 - Published governance minutes	1%
	GG8 - National Signatory to UN charter against torture	1%
	GG9 - Staff perception	1%
	GG10 - Policy Citations (Governance)	1%

1	University of Toronto	CA	52	New York University (NYU)	US
2	ETH Zurich - Swiss Federal Institute of Technology	CH	53	Wageningen University & Research	NL
=3	Lund University	SE	=54	University of East Anglia (UEA)	UK
=3	University of California, Berkeley (UCB)	US	=54	University of Minnesota Twin Cities	US
=5	UCL	UK	56	Newcastle University	UK
=5	University of British Columbia	CA	57	Seoul National University	KR
=7	Imperial College London	UK	58	University of Alberta	CA
=7	The University of Edinburgh	UK	59	Macquarie University	AU
=9	The University of Manchester	UK	60	University of Waterloo	CA
=9	The University of Melbourne	AU	=61	Universitat Autònoma de Barcelona	ES
11	The University of Sydney	AU	=61	University of Colorado Boulder	US
=12	The University of New South Wales (UNSW Sydney)	AU	=63	National University of Singapore (NUS)	SG
=12	University of Bristol	UK	=63	University of Sussex	UK
14	King's College London	UK	65	Université de Montréal	CA
=15	Delft University of Technology	NL	66	KTH Royal Institute of Technology	SE
=15	McGill University	CA	67	Queen's University Belfast	UK
17	The University of Auckland	NZ	=68	Lancaster University	UK
18	University of Helsinki	FI	=68	Sorbonne University	FR
=19	Pennsylvania State University	US	70	Universidade de São Paulo	BR
=19	Stanford University	US	=71	Cardiff University	UK
=19	University of Glasgow	UK	=71	University of Cologne	DE
22	Durham University	UK	73	Queensland University of Technology (QUT)	AU
23	University of Southampton	UK	=74	National Taiwan University (NTU)	TW
24	University of Pennsylvania	US	=74	Purdue University	US
25	KU Leuven	BE	=74	University of Basel	CH
26	Uppsala University	SE	77	Aalto University	FI
27	The University of Sheffield	UK	=78	University of Canterbury Te Whare Wānanga o Waitaha	NZ
28	Michigan State University	US	=78	University of Otago	NZ
29	Universität Hamburg	DE	=80	Loughborough University	UK
=30	Ghent University	BE	=80	RMIT University	AU
=30	Western University	CA	=80	Technische Universität Dresden	DE
32	The University of Exeter	UK	=83	Technical University of Munich	DE
33	Massachusetts Institute of Technology (MIT)	US	=83	Université PSL	FR
34	University of York	UK	=83	University of Aberdeen	UK
35	Johns Hopkins University	US	86	Yonsei University	KR
=36	University of Gothenburg	SE	87	Rutgers University–New Brunswick	US
=36	University of Nottingham	UK	88	Nanyang Technological University, Singapore (NTU)	SG
38	University of Birmingham	UK	89	Ludwig-Maximilians-Universität München	DE
=39	The London School of Economics and Political Science (LSE)	UK	90	University of Ottawa	CA
=39	Université Paris-Saclay	FR	=91	Deakin University	AU
41	The University of Queensland	AU	=91	North Carolina State University	US
=42	University of Liverpool	UK	=93	McMaster University	CA
=42	University of Reading	UK	=93	Queen's University at Kingston	CA
44	The University of Tokyo	JP	95	Rheinische Friedrich-Wilhelms-Universität Bonn	DE
=45	University of Cape Town	ZA	96	Tufts University	US
=45	University of Southern California	US	97	University of St Andrews	UK
47	University of Technology Sydney	AU	=98	The University of Adelaide	AU
48	The Australian National University	AU	=98	University of Wollongong	AU
=49	Griffith University	AU	100	University of Calgary	CA
=49	Monash University	AU			
=49	University College Dublin	IE			

101	Korea University	KR	152	Concordia University	CA
=102	Arizona State University	US	=153	Flinders University	AU
=102	Washington University in St. Louis	US	=153	Université Laval	CA
=104	Albert-Ludwigs-Universitaet Freiburg	DE	155	Rice University	US
=104	University of Witwatersrand	ZA	156	Université catholique de Louvain (UCLouvain)	BE
106	Ruprecht-Karls-Universität Heidelberg	DE	=157	University of Leicester	UK
=107	Dalhousie University	CA	=157	University of Stirling	UK
=107	EPFL	CH	=159	The Hong Kong Polytechnic University	HK
109	Simon Fraser University	CA	159	University of South Australia	AU
=110	Università di Padova	IT	160	University of Guelph	CA
=110	University of Southern Denmark (SDU)	DK	161	University of Antwerp	BE
=112	The University of Hong Kong	HK	=162	Brunel University London	UK
=112	The University of Newcastle, Australia (UON)	AU	=162	Complutense University of Madrid	ES
=112	University of Waikato	NZ	164	Norwegian University of Science And Technology	NO
=115	Universitat de Barcelona	ES	=165	Maastricht University	NL
=115	Universiti Malaya (UM)	MY	=165	Northeastern University	US
=117	The University of Warwick	UK	167	University of Pretoria	ZA
=117	University of Strathclyde	UK	=168	Chulalongkorn University	TH
=119	University of Massachusetts Amherst	US	=168	Pontificia Universidad Católica de Chile (UC)	CL
=119	York University	CA	=168	Vrije Universiteit Brussel (VUB)	BE
121	Swansea University	UK	=171	Indian Institute of Technology Delhi (IITD)	IN
122	University of California, Santa Cruz	US	=171	University of Victoria (UVic)	CA
123	The Chinese University of Hong Kong (CUHK)	HK	173	University of California, Davis	US
=124	Kyoto University	JP	=174	Dublin City University	IE
=124	University of Tasmania	AU	=174	National Cheng Kung University (NCKU)	TW
126	University of North Carolina, Chapel Hill	US	=174	Université de Liège	BE
=127	University College Cork	IE	=175	The Hong Kong University of Science and Technology	HK
=127	University of Bath	UK	=177	Alma Mater Studiorum - University of Bologna	IT
=129	Massey University	NZ	=177	University of Twente	NL
=129	The University of Western Australia	AU	=179	KIT, Karlsruhe Institute of Technology	DE
131	University of Saskatchewan	CA	=179	Osaka University	JP
132	Victoria University of Wellington	NZ	=179	Universidade Estadual de Campinas (Unicamp)	BR
133	Fudan University	CN	=179	Universitat Politècnica de València	ES
=134	Goethe-University Frankfurt am Main	DE	183	University of Lisbon	PT
=134	RWTH Aachen University	DE	184	California Institute of Technology (Caltech)	US
136	Hanyang University	KR	=185	Aalborg University	DK
=137	Chalmers University of Technology	SE	187	Florida International University	US
=137	University at Buffalo SUNY	US	=188	Leibniz University Hannover	DE
139	Western Sydney University	AU	=188	University of Turin	IT
=140	Shanghai Jiao Tong University	CN	=190	Technical University of Darmstadt	DE
=140	Stony Brook University, State University of New York	US	=190	University of Dundee	UK
=140	University of Galway	IE	=192	Hokkaido University	JP
=143	Queen Mary University of London	UK	=192	Washington State University	US
=143	Yale University	US	195	University of Cambridge	UK
=145	Dartmouth College	US	=196	Bangor University	UK
=145	La Trobe University	AU	=196	Manchester Metropolitan University (MMU)	UK
=145	Universidad Nacional Autónoma de México (UNAM)	MX	=196	University of California, Los Angeles (UCLA)	US
=148	Curtin University	AU	=199	Columbia University	US
=148	Tohoku University	JP	=199	Institut Polytechnique de Paris	FR
=150	James Cook University	AU	=199	University of Oxford	UK
=150	Sapienza University of Rome	IT			

=202	Harvard University	US	251	Universiti Sains Malaysia (USM)	MY
=202	Indian Institute of Technology Kharagpur (IIT-KGP)	IN	=252	Northwestern University	US
=202	Northumbria University at Newcastle	UK	=252	University of Turku	FI
205	American University of Beirut (AUB)	LB	254	Waseda University	JP
206	Duke University	US	=255	Tokyo Institute of Technology (Tokyo Tech)	JP
=207	King Abdulaziz University (KAU)	SA	=255	Universität Stuttgart	DE
=207	Nottingham Trent University	UK	=257	Eindhoven University of Technology	NL
=209	Universidad Carlos III de Madrid (UC3M)	ES	=257	KAIST - Korea Advanced Institute of Science & Technology	KR
=209	University of Porto	PT	=257	Nagoya University	JP
=211	Heriot-Watt University	UK	=257	National Yang Ming Chiao Tung University	TW
=211	Tongji University	CN	=257	Universitat de Valencia	ES
=211	University of Michigan-Ann Arbor	US	=262	Auckland University of Technology (AUT)	NZ
214	Umea University	SE	=262	Ca' Foscari University of Venice	IT
=215	Masaryk University	CZ	=262	University of Warsaw	PL
=215	Tel Aviv University	IL	=265	Tecnológico de Monterrey	MX
=215	Universitat Politècnica de Catalunya - BarcelonaTech (UPC)	ES	=265	Trinity College Dublin, The University of Dublin	IE
218	Charles University	CZ	267	Boston University	US
219	Cornell University	US	=268	Politecnico di Torino	IT
=220	University of Leeds	UK	=268	Pusan National University	KR
=220	University of Milan	IT	=270	Swinburne University of Technology	AU
222	University of Copenhagen	DK	=270	University of Tsukuba	JP
223	Princeton University	US	=272	Kobe University	JP
=224	Universidad de los Andes	CO	=272	University of Chicago	US
=224	University of Illinois at Urbana-Champaign	US	=274	Aarhus University	DK
=224	University of Limerick	IE	=274	Hiroshima University	JP
227	University of Coimbra	PT	=274	University of Canberra	AU
228	Ulster University	UK	277	Indian Institute of Technology Madras (IITM)	IN
=229	Cranfield University	UK	=278	Politecnico di Milano	IT
=229	Friedrich-Alexander-Universität Erlangen-Nürnberg	DE	=278	University of Delaware	US
=229	Louisiana State University	US	=278	University of Florence	IT
=229	University of Hull	UK	280	University of Pisa	IT
233	Universität Potsdam	DE	281	Universidade de Vigo	ES
=234	City University of Hong Kong	HK	282	Brown University	US
=234	Indian Institute of Technology Bombay (IITB)	IN	=283	Czech University of Life Sciences in Prague	CZ
=234	University of Oulu	FI	=283	Ruhr-Universität Bochum	DE
237	Utrecht University	NL	=283	Universidad Autónoma de Madrid	ES
238	Colorado State University	US	=283	University of Notre Dame	US
=239	Kyung Hee University	KR	=283	University of Wisconsin-Madison	US
=239	Università degli Studi di Pavia	IT	=288	University of California, San Diego (UCSD)	US
=239	University of Florida	US	=288	University of Oslo	NO
=239	University of Washington	US	=288	University of Rochester	US
=243	Kyushu University	JP	=291	Lappeenranta-Lahti University of Technology LUT	FI
=243	University of Johannesburg	ZA	=291	Qatar University	QA
=245	Indian Institute of Technology Kanpur (IITK)	IN	=293	Stockholm University	SE
=245	Sungkyunkwan University (SKKU)	KR	=293	Temple University	US
=245	Universität Innsbruck	AT	=293	Universidad de Alcalá	ES
=245	Universiti Kebangsaan Malaysia (UKM)	MY	=296	Middle East Technical University	TR
=249	American University	US	=296	University of Vienna	AT
=249	Westfälische Wilhelms-Universität Münster	DE	298	Jagiellonian University	PL
			=299	Coventry University	UK
			=299	University of Delhi	IN
			=299	University of Eastern Finland	FI

=302	UNIVERSITY OF GDANSK	PL	=351	Eötvös Loránd University	HU
=303	Universidade Federal do Rio de Janeiro	BR	=351	Khalifa University of Science and Technology	AE
=303	University of Alicante	ES	=353	Technical University of Denmark	DK
=305	Case Western Reserve University	US	=353	University of Rhode Island	US
=305	University of Salamanca	ES	=355	Radboud University	NL
=307	Charles Darwin University	AU	=355	University of Minho	PT
=307	Universidad Politécnica de Madrid (UPM)	ES	=357	Aston University	UK
=307	University of Maryland, College Park	US	=357	Chiang Mai University	TH
=310	Peking University	CN	=357	University of Groningen	NL
=310	University of Jyväskylä	FI	=360	Hong Kong Baptist University	HK
=310	University of Texas at Austin	US	=360	Palacký University Olomouc	CZ
=313	University of Bradford	UK	362	University of Haifa	IL
=313	University of Debrecen	HU	363	Ewha Womans University	KR
=315	University of Lausanne	CH	364	National Sun Yat-sen University	TW
=315	University of Rome "Tor Vergata"	IT	=365	The University of Arizona	US
=315	Vilnius University	LT	=365	Universidade Nova de Lisboa	PT
=318	Universität Konstanz	DE	=365	University of Illinois at Chicago (UIC)	US
=318	University of Bayreuth	DE	=365	Wayne State University	US
320	University of Zurich	CH	369	Université de Fribourg	CH
321	Universidad de Zaragoza	ES	=370	Cairo University	EG
322	Sultan Qaboos University	OM	=370	Universidade de Brasília	BR
=323	Universidad de Chile	CL	372	University of Geneva	CH
=323	Universidad de Concepción	CL	=373	Aristotle University of Thessaloniki	GR
=325	University of Szeged	HU	=373	Universitat Pompeu Fabra (Barcelona)	ES
=325	Vietnam National University, Hanoi	VN	=373	University of South Florida	US
327	Universidad Nacional de Colombia	CO	376	Indian Institute of Science	IN
=328	The Ohio State University	US	377	Carnegie Mellon University	US
=328	Université Côte d'Azur	FR	=378	Georgia Institute of Technology	US
=328	Universiti Teknologi Malaysia	MY	=378	Texas Tech University	US
=331	Georgetown University	US	=378	Universidad de Buenos Aires (UBA)	AR
=331	University of Huddersfield	UK	=378	Universidad de Sevilla	ES
=333	Chung-Ang University (CAU)	KR	=378	University of Navarra	ES
=333	Keio University	JP	=383	Gadjah Mada University	ID
=333	Universiti Putra Malaysia (UPM)	MY	=383	Indiana University Bloomington	US
=333	University of Bern	CH	=383	Toronto Metropolitan University	CA
=333	University of South Carolina	US	=383	University of Maryland, Baltimore County	US
=333	University of the Philippines	PH	=387	Southern Cross University	AU
=333	University of Virginia	US	=387	The University of Georgia	US
340	Vrije Universiteit Amsterdam	NL	=389	Southern University of Science and Technology	CN
=341	Tsinghua University	CN	=389	The Hebrew University of Jerusalem	IL
=341	University of Windsor	CA	=389	University of Kent	UK
343	United Arab Emirates University	AE	=389	University of Southern Queensland	AU
=344	Boğaziçi University	TR	393	Freie Universitaet Berlin	DE
=344	Istanbul Technical University	TR	=394	London School of Hygiene & Tropical Medicine	UK
=346	Kyungpook National University	KR	=394	University of Patras	GR
=346	Technische Universität Berlin (TU Berlin)	DE	=396	Universidade Federal de Santa Catarina	BR
=348	Linköping University	SE	=396	Université libre de Bruxelles	BE
=348	National Taiwan Normal University	TW	=396	University of California, Santa Barbara (UCSB)	US
=348	Virginia Polytechnic Institute and State University	US	=396	Vellore Institute of Technology (VIT)	IN
			400	University of Bergen	NO

=401	Babes-Bolyai University	RO	=448	University of New Brunswick	CA
=401	Iowa State University	US	452	University of Portsmouth	UK
=401	Manipal Academy of Higher Education - Manipal University (MAHE)	IN	453	Florida State University	US
=401	SOAS University of London	UK	=454	Koç University	TR
=401	Universitat Rovira i Virgili	ES	=454	Universidade de Santiago de Compostela	ES
=406	Charles Sturt University	AU	=454	Wilfrid Laurier University	CA
=406	University of California, Irvine	US	=457	City, University of London	UK
=408	Inha University	KR	=457	University of Genoa	IT
=408	University of Aveiro	PT	=459	Erasmus University Rotterdam	NL
=410	Jeonbuk National University	KR	=459	Paris Lodron University of Salzburg	AT
=410	University of Miami	US	=459	The University of Lahore	PK
=412	Anna University	IN	=459	University of Kansas	US
=412	De Montfort University	UK	=463	Lincoln University	NZ
=412	Eberhard Karls Universität Tübingen	DE	=463	Università Cattolica del Sacro Cuore	IT
=412	The University of Texas at Arlington	US	=465	King Abdullah University of Science & Technology (KAUST)	SA
=416	Ritsumeikan University	JP	=465	Konkuk University	KR
=416	University of Murcia	ES	=465	Universidade Federal de São Paulo	BR
=418	National and Kapodistrian University of Athens	GR	=465	Université Paris 1 Panthéon-Sorbonne	FR
=418	Pohang University of Science And Technology (POSTECH)	KR	=465	Vanderbilt University	US
=420	Central Queensland University (CQUniversity Australia)	AU	=470	Leeds Beckett University	UK
=420	University of Regina	CA	=470	Royal Holloway University of London	UK
=420	University of Tartu	EE	472	UCSI University	MY
423	Oregon State University	US	=473	King Mongkut's University of Technology Thonburi	TH
=424	Gdańsk University of Technology	PL	=473	Lehigh University	US
=424	Universidad Rey Juan Carlos	ES	=473	University of Messina (UniME)	IT
=424	University of Amsterdam	NL	476	Jadavpur University	IN
=427	Universidade Federal do Rio Grande Do Sul	BR	=477	Brno University of Technology	CZ
=427	University of Brescia	IT	=477	Chonnam National University	KR
=429	University of Lincoln	UK	=477	Sejong University	KR
=429	University of Nebraska - Lincoln	US	=480	Mahidol University	TH
=431	Universidad de Oviedo	ES	=480	Rutgers University–Newark	US
=431	Università Commerciale Luigi Bocconi (Bocconi University)	IT	=480	Sunway University	MY
=431	Yildiz Technical University	TR	=483	Carleton University	CA
434	Adam Mickiewicz University, Poznań	PL	=483	Universidade da Coruña	ES
435	Emory University	US	=483	University of Colombo	LK
=436	University of Connecticut	US	=486	Ankara Üniversitesi	TR
=436	University of Siena	IT	=486	Johannes Kepler University Linz	AT
439	National University of Sciences And Technology (NUST) Islamabad	PK	=486	Stellenbosch University	ZA
=440	Aix-Marseille University	FR	=486	Texas A&M University	US
=440	IPB University (a.k.a. Bogor Agricultural University)	ID	=486	University of Göttingen	DE
=440	University of Cincinnati	US	=486	University of Iowa	US
=443	Aberystwyth University	UK	=492	Prince of Songkla University	TH
=443	King Saud University	SA	=492	Syracuse University	US
=445	University of Kwazulu-Natal	ZA	=492	Universitas Indonesia	ID
=445	Zhejiang University	CN	=492	University of Hawai'i at Mānoa	US
447	Al-Farabi Kazakh National University	KZ	=492	University of Zagreb	HR
=448	COMSATS University Islamabad	PK	=497	Kasetsart University	TH
=448	Hasselt University	BE	=497	University of Bucharest	RO
=448	King Fahd University of Petroleum & Minerals	SA	=497	Wuhan University	CN
			=500	Thammasat University	TH
			=500	Universidad de León	ES

502	National Central University	TW	=554	Universidad del Rosario	CO
=503	Ateneo de Manila University	PH	=554	Universiti Malaysia Terengganu (UMT)	MY
=503	University of Oklahoma	US	556	Budapest University of Technology and Economics	HU
=505	North-West University	ZA	=557	National Tsing Hua University	TW
=505	University of Surrey	UK	=557	Taylor's University	MY
507	University of Pittsburgh	US	559	Universiti Tunku Abdul Rahman (UTAR)	MY
=508	George Washington University	US	560	HSE University	RU
=508	Qingdao University	CN	=561	Indian Institute of Technology Roorkee (IITR)	IN
=508	Université Grenoble Alpes	FR	=561	Shandong University	CN
=508	University of Jordan	JO	=561	Ulsan National Institute of Science and Technology (UNIST)	KR
=512	Chungnam National University	KR	=561	University of Calabria	IT
=512	Khon Kaen University	TH	=561	University of Naples - Federico II	IT
514	Oxford Brookes University	UK	=566	Shoolini University of Biotechnology and Management Sciences	IN
=515	Pontificia Universidad Católica del Perú	PE	=566	Universita' Politecnica delle Marche	IT
=515	Universitas Padjadjaran	ID	568	Universität Leipzig	DE
=517	Nagasaki University	JP	=569	National Kaohsiung University of Science and Technology	TW
=517	Universität Jaume I	ES	=569	University of Houston	US
=517	University of Kentucky	US	571	Universidad Andrés Bello	CL
=517	University of Utah	US	=572	Dokuz Eylül Üniversitesi	TR
521	Nanjing University	CN	=572	National Taiwan University of Science and Technology (Taiwan Tech)	TW
=522	Jawaharlal Nehru University	IN	=574	Ain Shams University	EG
=522	Victoria University	AU	=574	Glasgow Caledonian University	UK
=524	Bandung Institute of Technology (ITB)	ID	=574	ISCTE - Instituto Universitario de Lisboa	PT
=524	Christian-Albrechts-Universität zu Kiel	DE	=574	Sun Yat-sen University	CN
=524	Universidad de Valladolid	ES	=574	Universität Ramon Llull	ES
=527	Karolinska Institute	SE	=574	Université de Tunis El Manar	TN
=527	Universitat de Lleida	ES	=580	Airlangga University	ID
=527	University of St.Gallen (HSG)	CH	=580	Alexandria University	EG
530	Technische Universität Wien	AT	=580	Kangwon National University	KR
=531	Ecole des Ponts ParisTech	FR	=583	Dongguk University	KR
=531	Kaunas University of Technology	LT	=583	University of Bordeaux	FR
=531	National Taipei University of Technology	TW	=585	Instituto Politécnico Nacional (IPN)	MX
=531	RUDN University	RU	=585	National Chung Hsing University	TW
=535	Beijing Institute of Technology	CN	=585	University of Bari	IT
=535	Birla Institute of Technology and Science, Pilani	IN	=588	The Open University	UK
=535	University of Sharjah	AE	=588	Tianjin University	CN
=538	Duy Tan University	VN	=588	Università degli studi Roma Tre	IT
=538	Technological University Dublin	IE	591	George Mason University	US
=540	Leiden University	NL	=592	Boston College	US
=540	Pontificia Universidad Javeriana	CO	=592	University of Latvia	LV
=540	Pukyong National University	KR	594	Xi'an Jiaotong University	CN
=531	Singapore Management University	SG	=595	Huazhong University of Science and Technology	CN
=540	University of Plymouth	UK	=595	National Taiwan Ocean University	TW
=545	Thapar Institute of Engineering & Technology	IN	=595	Universidade Federal de Santa Maria	BR
=545	UNESP	BR	=595	Universidade Federal Fluminense	BR
=547	Humboldt-Universität zu Berlin	DE	=595	Université Paris Cité	FR
=547	University of Granada	ES	=595	University of Manitoba	CA
=547	University of Salerno	IT	=595	University of Oregon	US
=550	Hacettepe University	TR			
=550	Kuwait University	KW			
=550	Lebanese American University	LB			
=550	Okayama University	JP			

=602	Gazi Üniversitesi	TR	=653	Ajou University	KR
=602	University of California, Riverside	US	=653	Assiut University	EG
=604	Beijing Normal University	CN	=653	Indian School of Mines (ISM) University, Dhanbad	IN
=604	IMT Atlantique	FR	=653	Memorial University of Newfoundland	CA
=604	Mansoura University	EG	=653	Universitas Brawijaya	ID
=607	City University of New York	US	=653	University of Economics Ho Chi Minh City	VN
=607	Hungarian University of Agriculture and Life Sciences	HU	=653	University of the West of England	UK
=607	Universiti Teknologi MARA - UiTM	MY	=653	Wrocław University of Environmental and Life Sciences	PL
=610	Gwangju Institute of Science and Technology (GIST)	KR	=661	Technion - Israel Institute of Technology	IL
=610	Imam Abdulrahman Bin Faisal University (IAU) (formerly UNIVERSITY OF DAMMAM)	SA	=661	Universidad Peruana Cayetano Heredia (UPCH)	PE
=610	Kazan (Volga region) Federal University	RU	=661	Universität Jena	DE
=610	Université de Montpellier	FR	=664	Kanazawa University	JP
=610	University of Science and Technology of China	CN	=664	National Institute of Technology Rourkela	IN
615	Universidad de Guadalajara (UDG)	MX	=664	The University of Alabama	US
=616	Rochester Institute of Technology (RIT)	US	=667	IE University	ES
=616	Zurich University of Applied Sciences (ZHAW)	CH	=667	Universidad Católica del Norte	CL
618	University of Hohenheim	DE	=667	Universitas Hasanuddin	ID
619	Universität Bremen	DE	=667	Zagazig University	EG
=620	The University of Tennessee, Knoxville	US	671	University of Cyprus (UCY)	CY
=620	Universidad San Francisco de Quito (USFQ)	EC	672	University of Ghana	GH
=622	Amity University	IN	=673	Karl-Franzens-Universität Graz	AT
=622	Colorado School of Mines	US	=673	Verona University	IT
=624	Essex, University of	UK	675	Institut Teknologi Sepuluh Nopember (ITS Surabaya)	ID
=624	Sciences Po	FR	676	Universiti Brunei Darussalam (UBD)	BN
=624	Université de Lorraine	FR	=677	Erciyes Üniversitesi	TR
=627	American University of Sharjah	AE	=677	Gachon University	KR
=627	University of Modena and Reggio Emilia	IT	=677	Maynooth University	IE
=627	University of Mons	BE	=680	Johannes Gutenberg Universität Mainz	DE
=627	Ural Federal University - UrFU	RU	=680	Qassim University	SA
=631	Central European University	AT	=680	University of Macau	MO
=631	King Faisal University	SA	=683	Bahria University	PK
=631	Université de Lille	FR	=683	Jordan University of Science & Technology	JO
=634	New Jersey Institute of Technology (NJIT)	US	=683	University of Belgrade	RS
=634	Università degli Studi di Ferrara	IT	=686	Macau University of Science and Technology	MO
=634	University of Dhaka	BD	=686	University of Vermont	US
=634	University of Ljubljana	SI	=688	Tulane University	US
=638	Lulea University	SE	=688	University of Trento	IT
=638	Xiamen University	CN	=690	Bilkent University	TR
=640	Feng Chia University	TW	=690	Daffodil International University	BD
=640	Liverpool John Moores University	UK	=690	Kaohsiung Medical University	TW
642	University of New Mexico	US	=693	National Chung Cheng University	TW
=643	Universidad de Costa Rica	CR	=693	Peter the Great St. Petersburg Polytechnic University	RU
=643	Universidad de Santiago de Chile (USACH)	CL	=693	The American University in Cairo	EG
=643	University of Pecs	HU	=693	Université du Québec	CA
=646	Czech Technical University in Prague	CZ	=697	HUFS - Hankuk (Korea) University of Foreign Studies	KR
=646	Swedish University of Agricultural Sciences	SE	=697	University of the Basque Country	ES
=646	University of Milano-Bicocca	IT	=699	Universidade Federal de Lavras	BR
=649	Jeju National University	KR	=699	Universiti Malaysia Pahang Al - Sultan Abdullah (UMPSA)	MY
=649	Justus-Liebig-University Giessen	DE	=699	University of Tromsø The Arctic University of Norway	NO
=649	Murdoch University	AU			
=649	University of Namur	BE			

=702	Hanoi University of Science and Technology	VN	=749	Université de Rennes 1 (University of Rennes)	FR
=702	Pontificia Universidade Católica do Rio de Janeiro	BR	=749	University of Iceland	IS
=702	Universität Mannheim	DE	=749	University of Massachusetts Boston	US
705	University of Beira Interior	PT	=756	Australian Catholic University	AU
=706	Diponegoro University	ID	=756	Escuela Superior Politécnica del Litoral (ESPOL)	EC
=706	Edith Cowan University	AU	=756	National Technical University of Athens	GR
=706	Sathyabama Institute of Science and Technology (deemed to be university)	IN	=756	Università degli Studi di Perugia	IT
=706	Université Claude Bernard Lyon 1	FR	=760	SRM INSTITUTE OF SCIENCE AND TECHNOLOGY	IN
=710	Chungbuk National University	KR	=760	Tampere University	FI
=710	Panjab University	IN	=760	Universidad Pontificia Comillas	ES
=710	Shantou University	CN	=760	University of Vaasa	FI
=710	University of Missouri, Columbia	US	=764	Guangdong University of Technology	CN
=710	University of New England Australia	AU	=764	Universidad Autónoma de Baja California	MX
=715	London South Bank University	UK	766	University of Texas Dallas	US
=715	Lviv Polytechnic National University	UA	=767	Ben-Gurion University of The Negev	IL
=715	Norwegian University of Life Sciences (UMB)	NO	=767	Chang Gung University	TW
=715	Universitas Sebelas Maret	ID	=767	Covenant University, Nigeria	NG
719	Kalinga Institute of Industrial Technology (KIIT)	IN	=767	Lomonosov Moscow State University	RU
=720	Tilburg University	NL	=771	Alexandru Ioan Cuza University	RO
=720	University of Peradeniya	LK	=771	Chiba University	JP
722	Oklahoma State University	US	=771	Drexel University	US
=723	Kumamoto University	JP	=771	Federation University	AU
=723	Mykolas Romeris University	LT	=771	Satbayev University	KZ
=723	Université Paul Sabatier Toulouse III	FR	=771	Sophia University	JP
=726	École Normale Supérieure de Lyon	FR	=771	Universiti Tenaga Nasional (UNITEN)	MY
=726	Julius-Maximilians-Universität Würzburg	DE	=778	Jilin University	CN
=728	Auburn University	US	=778	Université de Sherbrooke	CA
=728	Sabancı University	TR	=778	University of Seoul	KR
=728	South China University of Technology	CN	=781	Florida Atlantic University - Boca Raton	US
=728	Universität für Bodenkultur Wien	AT	=781	University of Agriculture, Faisalabad	PK
732	Universiti Teknologi PETRONAS (UTP)	MY	=781	Virginia Commonwealth University	US
=733	National Yunlin University of Science and Technology	TW	=784	Indian Institute of Technology BHU Varanasi (IIT BHU Varanasi)	IN
=733	University of Maribor	SI	=784	Nantes University	FR
=735	Princess Nourah bint Abdulrahman University	SA	=786	Saveetha Institute of Medical and Technical Sciences (deemed to be university)	IN
=735	Sogang University	KR	=786	Shenzhen University	CN
=737	Jamia Millia Islamia	IN	=786	Sumy State University	UA
=737	Seoul National University of Science and Technology	KR	=786	Universidade Federal de Minas Gerais (UFMG)	BR
=737	Universiti Tun Hussein Onn University of Malaysia (UTHM)	MY	=786	USI - Università della Svizzera italiana	CH
=740	Abu Dhabi University	AE	=786	Utah State University	US
=740	Asian Institute of Technology, Thailand	TH	=792	Harbin Institute of Technology	CN
=740	Cyprus University of Technology	CY	=792	Taipei Medical University (TMU)	TW
=740	Universidade Federal de Viçosa (UFV)	BR	=792	Tanta University	EG
=740	Université de Sfax	TN	=792	Universiti Malaysia Sabah (UMS)	MY
=745	Kingston University, London	UK	=792	University of Nevada - Reno	US
=745	Sakarya University	TR	797	Suez Canal University	EG
=745	Universiti Utara Malaysia (UUM)	MY	=798	Universidade Católica Portuguesa - UCP	PT
=745	University of Denver	US	=798	Universiti Malaysia Kelantan	MY
=749	Grenoble INP, Grenoble Institute of Technology	FR	=800	Clemson University	US
=749	Lovely Professional University (LPU)	IN	=800	East China Normal University	CN
=749	Mendel University in Brno	CZ	=800	National Research Tomsk Polytechnic University	RU
=749	Sofia University "St. Kliment Ohridski"	BG	=800	Osaka Metropolitan University	JP

=800	Universidad Autónoma Metropolitana (UAM)	MX	=851	Universitas Sumatera Utara	ID
=805	Bauman Moscow State Technical University	RU	855	University of Central Florida	US
=805	Dankook University	KR	856	Aligarh Muslim University	IN
=805	Philipps-Universität Marburg	DE	=857	King Khalid University	SA
=805	Riga Technical University	LV	=857	Prince Sultan University	SA
=809	Tunghai University	TW	=857	Selcuk University	TR
=809	Universidad del Desarrollo (UDD)	CL	=857	Shiraz University	IR
=811	AGH University of Science and Technology	PL	=857	Tamkang University	TW
=811	Chitkara University	IN	=862	Birkbeck, University of London	UK
=811	Technische Universität Braunschweig	DE	=862	Luis Guido Carli University	IT
=811	University at Albany SUNY	US	=862	Symbiosis International (Deemed University)	IN
=815	Georgia State University	US	=862	University of Hail	SA
=815	Université de Strasbourg	FR	=866	Universidad de Antioquia	CO
=815	Worcester Polytechnic Institute	US	=866	University of Tehran	IR
=818	American University of the Middle East	KW	=868	Eastern Mediterranean University	NCY
=818	Université de Bretagne Occidentale (UBO)	FR	=868	The Hashemite University	JO
=820	An-Najah National University	PS	=868	Universidad EAFIT	CO
=820	Martin-Luther-Universität Halle-Wittenberg	DE	=871	Lanzhou University	CN
=820	Pondicherry University	IN	=871	Sichuan University	CN
=820	University of New Hampshire	US	=871	University of Wrocław	PL
=824	Lingnan University, Hong Kong	HK	=871	Yarmouk University	JO
=824	Portland State University	US	=875	Abo Akademi University	FI
=824	University of South Bohemia	CZ	=875	Lebanese University	LB
=824	Vytautas Magnus University	LT	=875	Northern Arizona University	US
=828	National Dong Hwa University	TW	=875	Soonchunhyang University	KR
=828	Quaid-i-Azam University	PK	=875	University of Stavanger	NO
=828	Robert Gordon University	UK	=880	Ozyegin University	TR
=828	Tashkent Institute of Irrigation and Agricultural Mechanization Engineers - National Research University (TIAME-NRU)	UZ	=880	University of Arkansas Fayetteville	US
=828	Universidad de Castilla-La Mancha	ES	=880	Viet Nam National University Ho Chi Minh City (VNU-HCM)	VN
833	Dalian University of Technology	CN	=883	Lahore University of Management Sciences (LUMS)	PK
=834	Chung Yuan Christian University	TW	=883	Southeast University	CN
=834	O.P. Jindal Global University	IN	=883	Universidad Europea de Madrid	ES
=834	Stevens Institute of Technology	US	=883	Universitat de Vic-Universitat Central de Catalunya (UVic-UCC)	ES
=834	University of Tulsa	US	=883	University of California, Merced (UC Merced)	US
=838	L.N. Gumilyov Eurasian National University (ENU)	KZ	=883	University of the Algarve	PT
=838	University of Management and Technology	PK	=889	Nankai University	CN
=840	San Diego State University	US	=889	Széchenyi István University	HU
=840	Tokyo University of Science	JP	=889	Universität Duisburg-Essen	DE
=840	VSB - Technical University of Ostrava	CZ	=889	University of Greenwich	UK
=843	Catania University	IT	=893	Binghamton University SUNY	US
=843	Universitat Internacional de Catalunya (UIC)	ES	=893	Orebro University	SE
=843	University of Wisconsin Milwaukee	US	=893	The Catholic University of Korea	KR
=843	WU (Vienna University of Economics and Business)	AT	=893	University of Split	HR
=847	Ajman University	AE	897	Universidade Estadual de Maringá	BR
=847	Altai State University	RU	=898	Brigham Young University	US
=847	V. N. Karazin Kharkiv National University	UA	=898	Saint Petersburg State University	RU
850	Université Paris-Est Créteil	FR	=898	Suraneere University of Technology	TH
=851	Taif University	SA	=898	University of Gloucestershire	UK
=851	Universidad de Córdoba - España	ES	=898	West Virginia University	US
=851	Universidade Federal do Mato Grosso do Sul	BR			

901-910	Banaras Hindu University	IN	951-960	Guru Gobind Singh Indraprastha University	IN
901-910	China Agricultural University	CN	951-960	Indian Institute of Technology Guwahati (IITG)	IN
901-910	College of William and Mary	US	951-960	Ivan Franko National University of Lviv	UA
901-910	Fu Jen Catholic University	TW	951-960	New Mexico State University	US
901-910	Renmin (People's) University of China	CN	951-960	Niigata University	JP
901-910	Siberian Federal University, SibFU	RU	951-960	Rowan University	US
901-910	Universidade Federal de Itajubá	BR	951-960	Savitribai Phule Pune University	IN
901-910	University of California, San Francisco (UCSF)	US	951-960	Tallinn University of Technology (TalTech)	EE
901-910	University of Silesia in Katowice	PL	951-960	TU Dortmund University	DE
901-910	University of Texas at San Antonio	US	951-960	Universitas Pendidikan Indonesia	ID
911-920	Bielefeld University	DE	951-960	Universiti Malaysia Perlis	MY
911-920	De La Salle University	PH	951-960	Walailak University	TH
911-920	Gifu University	JP	961-970	Al Ain University	AE
911-920	Staffordshire University	UK	961-970	Baylor University	US
911-920	Tallinn University	EE	961-970	Daegu Gyeongbuk Institute of Science and Technology (DGIST)	KR
911-920	Universidad del Norte	CO	961-970	Shanghai University	CN
911-920	Université de Sousse	TN	961-970	Universidad de Especialidades Espíritu Santo	EC
911-920	University of Nevada - Las Vegas	US	961-970	Università degli Studi di Udine	IT
911-920	University of Palermo	IT	961-970	Yuan Ze University	TW
911-920	University of the Punjab	PK	971-980	Central South University	CN
911-920	University of Ulsan	KR	971-980	Cochin University of Science & Technology	IN
921-930	Chandigarh University	IN	971-980	Graz University of Technology	AT
921-930	L'Institut Agro (L'Institut Agro Dijon, L'Institut Agro Montpellier, L'Institut Agro Rennes Angers)	FR	971-980	Marmara University	TR
921-930	Royal College of Surgeons in Ireland (RCSI)	IE	971-980	Universidad Técnica Federico Santa María (USM)	CL
921-930	Ton Duc Thang University	VN	971-980	Université Mohammed V de Rabat	MA
921-930	Universidad Austral de Chile	CL	971-980	Universiti Malaysia Sarawak (UNIMAS)	MY
921-930	University of North Carolina at Charlotte	US	971-980	University of the Sunshine Coast	AU
921-930	Xi'an Jiaotong Liverpool University	CN	971-980	Warsaw University of Life Sciences - SGGW (WULS-SGGW)	PL
931-940	Comenius University Bratislava	SK	981-990	Chinese Culture University	TW
931-940	Ecole des Hautes Etudes en Sciences Sociales (EHESS)	FR	981-990	Clark University	US
931-940	Financial University under the Government of the Russian Federation	RU	981-990	Gustave Eiffel University	FR
931-940	Indiana University-Purdue University Indianapolis	US	981-990	Indian Institute of Technology Bhubaneswar	IN
931-940	Kookmin University	KR	981-990	Óbuda University	HU
931-940	National University of Uzbekistan	UZ	981-990	Plekhanov Russian University of Economics	RU
931-940	Novosibirsk State University	RU	981-990	Seattle University	US
931-940	Universidad Autónoma de Nuevo León	MX	981-990	Universidade Federal de Uberlândia	BR
931-940	Universidad Nacional de Cuyo	AR	981-990	Universiti Pendidikan Sultan Idris (UPSI)	MY
931-940	University of Warmia and Mazury in Olsztyn	PL	981-990	University of Luxembourg	LU
941-950	Baku State University	AZ	981-990	University of Rijeka	HR
941-950	Bournemouth University	UK	991-1000	Cukurova University	TR
941-950	China University of Geosciences	CN	991-1000	Gebze Technical University (GTU)	TR
941-950	Kansas State University	US	991-1000	IIT Gandhinagar	IN
941-950	Universidad de la República (Udelar)	UY	991-1000	Indian Institute of Technology Hyderabad (IITH)	IN
941-950	Università degli Studi dell'Insubria	IT	991-1000	Kwame Nkrumah University of Science and Technology	GH
941-950	University of Baghdad	IQ	991-1000	Rhodes University	ZA
941-950	University of Chemistry and Technology, Prague	CZ	991-1000	Universitatea de Vest din Timisoara / West University of Timisoara	RO
941-950	University of Salford	UK	991-1000	Wake Forest University	US
941-950	University of South Africa	ZA	991-1000	Zhengzhou University	CN
941-950	University of Wyoming	US			
951-960	Goldsmiths, University of London	UK			

1001-1020	Addis Ababa University	ET	1041-1060	Nanjing Normal University	CN
1001-1020	Al-Balqa Applied University	JO	1041-1060	North Dakota State University	US
1001-1020	Bar-Ilan University	IL	1041-1060	Sheffield Hallam University	UK
1001-1020	Baylor College of Medicine	US	1041-1060	Universidade Estadual de Londrina	BR
1001-1020	Beirut Arab University	LB	1041-1060	Université de Savoie, Chambéry, Annecy (Université Savoie Mont Blanc)	FR
1001-1020	Bialystok University of Technology	PL	1041-1060	University of Crete	GR
1001-1020	Brock University	CA	1041-1060	University of Maine	US
1001-1020	Iqra University IU Karachi	PK	1041-1060	University of North Texas	US
1001-1020	Istanbul University Cerrahpasa	TR	1041-1060	University of Santo Tomas	PH
1001-1020	Jacobs University Bremen	DE	1041-1060	University of Westminster	UK
1001-1020	Makerere University	UG	1061-1080	Aswan University	EG
1001-1020	Ocean University of China	CN	1061-1080	Athens University of Economics and Business	GR
1001-1020	Southern Methodist University	US	1061-1080	Beni-Suef University	EG
1001-1020	Technical University of Cluj-Napoca	RO	1061-1080	Can Tho University	VN
1001-1020	Universitas Negeri Semarang	ID	1061-1080	Chongqing University	CN
1001-1020	Université d'Auvergne, Clermont-Ferrand 1	FR	1061-1080	Middlesex University	UK
1001-1020	University of Hyderabad	IN	1061-1080	Nanjing University of Information Science and Technology	CN
1001-1020	University of Ibadan	NG	1061-1080	Naresuan University	TH
1001-1020	University of Idaho	US	1061-1080	National Chin-Yi University of Technology	TW
1001-1020	University of Oradea	RO	1061-1080	Old Dominion University	US
1001-1020	University of Science and Technology Beijing	CN	1061-1080	Sookmyung Women's University	KR
1001-1020	University of Texas El Paso	US	1061-1080	Universidad Adolfo Ibáñez	CL
1001-1020	University of the Free State	ZA	1061-1080	Universidad Autónoma del Estado de México (UAEMex)	MX
1021-1040	Bina Nusantara University (BINUS)	ID	1061-1080	Universidad de Valparaíso (UV)	CL
1021-1040	Hallym University	KR	1061-1080	Universidade Federal do Paraná - UFPR	BR
1021-1040	Kent State University	US	1061-1080	Universität Rostock	DE
1021-1040	Kindai University (Kinki University)	JP	1061-1080	Université Paris-Nanterre	FR
1021-1040	Menoufia University	EG	1061-1080	University of Colorado, Denver	US
1021-1040	National Chengchi University	TW	1061-1080	University of Louisville	US
1021-1040	UCAM Universidad Católica San Antonio de Murcia	ES	1061-1080	University of Toledo	US
1021-1040	Universidad Nacional del Litoral	AR	1081-1100	Applied Science Private University - Jordan	JO
1021-1040	Universidade Federal da Bahia	BR	1081-1100	Azerbaijan State University of Economics	AZ
1021-1040	Universidade Federal de São Carlos (UFSCar)	BR	1081-1100	China University of Mining and Technology	CN
1021-1040	University of Central Punjab	PK	1081-1100	Hohai University	CN
1021-1040	University of Engineering & Technology (UET) Lahore	PK	1081-1100	Institut National des Sciences Appliquées de Lyon (INSA)	FR
1021-1040	University of Maryland, Baltimore	US	1081-1100	Keele University	UK
1021-1040	University of Mumbai	IN	1081-1100	Multimedia University (MMU)	MY
1021-1040	University of Naples Parthenope	IT	1081-1100	Nanjing Agricultural University	CN
1021-1040	Yokohama National University	JP	1081-1100	Nanjing University of Science and Technology	CN
1021-1040	Zayed University	AE	1081-1100	Padang State University	ID
1041-1060	Akita University	JP	1081-1100	Universidad de Cuenca	EC
1041-1060	Al-Quds University	PS	1081-1100	Universidad Nacional de Córdoba - UNC	AR
1041-1060	Beijing University of Chemical Technology	CN	1081-1100	Universidad Nacional de La Plata (UNLP)	AR
1041-1060	Chaoyang University of Technology	TW	1081-1100	Universitas Andalas	ID
1041-1060	East China University of Science and Technology	CN	1081-1100	Université de Poitiers	FR
1041-1060	Edinburgh Napier University	UK	1081-1100	University of Brighton	UK
1041-1060	Guangxi University	CN	1081-1100	University of Nairobi	KE
1041-1060	Hunan University	CN	1081-1100	University of Rajshahi	BD
1041-1060	Jinan University (China)	CN	1081-1100	Weizmann Institute of Science	IL
1041-1060	Karlstad University	SE			
1041-1060	Lodz University of Technology	PL			

1101-1120	Anglia Ruskin University	UK	1141-1160	National Pingtung University of Science and Technology	TW
1101-1120	Asia Pacific University of Technology and Innovation (APU) Malaysia	MY	1141-1160	National Technical University of Ukraine "Igor Sikorsky Kyiv Polytechnic Institute"	UA
1101-1120	CUNY The City College of New York	US	1141-1160	North South University	BD
1101-1120	Huazhong Agricultural University	CN	1141-1160	Port Said University	EG
1101-1120	Istanbul Bilgi Üniversitesi	TR	1141-1160	Prince Mohammad Bin Fahd university	SA
1101-1120	Izmir Institute of Technology (IZTECH)	TR	1141-1160	Scuola Superiore Sant'Anna Pisa	IT
1101-1120	Kazakh National Agrarian Research University (KazNARU)	KZ	1141-1160	The National University of Science and Technology MISIS	RU
1101-1120	National Technical University "Kharkiv Polytechnic Institute"	UA	1141-1160	Tokyo Medical and Dental University (TMDU)	JP
1101-1120	Nelson Mandela University	ZA	1141-1160	Universidad de Las Palmas de Gran Canaria	ES
1101-1120	Northwest Agriculture and Forestry University	CN	1141-1160	Universidad de Puerto Rico	PR
1101-1120	Northwestern Polytechnical University	CN	1141-1160	University of Electronic Science and Technology of China	CN
1101-1120	Rensselaer Polytechnic Institute	US	1141-1160	University of Parma	IT
1101-1120	Sharif University of Technology	IR	1141-1160	Western Michigan University	US
1101-1120	Soochow University (Taiwan)	TW	1161-1180	Asia University Taiwan	TW
1101-1120	Syah Kuala University	ID	1161-1180	Beihang University (former BUAA)	CN
1101-1120	Universidad Autónoma del Estado de Hidalgo (UAEH)	MX	1161-1180	Gandhi Institute of Technology And Management (GITAM)	IN
1101-1120	Universidade Lusofona	PT	1161-1180	Hong Kong Metropolitan University	HK
1101-1120	Universität Regensburg	DE	1161-1180	King Mongkut's Institute of Technology Ladkrabang	TH
1101-1120	University of Chittagong	BD	1161-1180	Management and Science University	MY
1101-1120	University of Hertfordshire	UK	1161-1180	Montana State University - Bozeman	US
1101-1120	University Ulm	DE	1161-1180	Pontificia Universidad Católica de Valparaíso	CL
1121-1140	Al-Ahliyya Amman University	JO	1161-1180	Saken Seifullin Kazakh Agrotechnical University	KZ
1121-1140	Birmingham City University	UK	1161-1180	Tarbiat Modares University	IR
1121-1140	Graphic Era (Deemed) University	IN	1161-1180	Tashkent State University of Economics	UZ
1121-1140	Hamad Bin Khalifa University	QA	1161-1180	Tezpur University, Tezpur	IN
1121-1140	Holy Spirit University of Kaslik	LB	1161-1180	Umm Al-Qura University	SA
1121-1140	Howard University	US	1161-1180	Università degli Studi della Tuscia (University of Tuscia)	IT
1121-1140	Khwaja Fareed University of Engineering and Information Technology	PK	1161-1180	Université Ibn Tofail	MA
1121-1140	Lobachevsky University	RU	1161-1180	Université Jean Monnet, Saint-Etienne	FR
1121-1140	Miami University	US	1161-1180	University Duesseldorf	DE
1121-1140	Michigan Technological University	US	1161-1180	University of Lagos	NG
1121-1140	Mississippi State University	US	1161-1180	University of the West of Scotland (UWS)	UK
1121-1140	Ohio University	US	1181-1200	Boise State University	US
1121-1140	Southwest University	CN	1181-1200	California State University Northridge	US
1121-1140	Taras Shevchenko National University of Kyiv	UA	1181-1200	China University of Geosciences (Beijing)	CN
1121-1140	Universidad del Pacifico	PE	1181-1200	Paul Valéry University Montpellier	FR
1121-1140	Universitas Muhammadiyah Yogyakarta (UMY)	ID	1181-1200	Prince Sattam Bin Abdulaziz University	SA
1121-1140	University of Alaska Fairbanks	US	1181-1200	San Jose State University	US
1121-1140	University of Malta	MT	1181-1200	South China Agricultural University	CN
1121-1140	Warsaw University of Technology	PL	1181-1200	South China Normal University	CN
1141-1160	Abdullah Gul University	TR	1181-1200	Telkom University	ID
1141-1160	Far Eastern Federal University	RU	1181-1200	The Islamia University of Bahawalpur, Pakistan	PK
1141-1160	Free University of Bozen-Bolzano	IT	1181-1200	Tribhuvan University	NP
1141-1160	Istanbul University	TR	1181-1200	Universidad Central de Venezuela	VE
1141-1160	Malmö University	SE	1181-1200	Universidad Diego Portales (UDP)	CL
1141-1160	Mapua University	PH	1181-1200	Universidad Panamericana (UP)	MX
1141-1160	Nanjing University of Aeronautics and Astronautics	CN	1181-1200	Universidade Federal do Ceará (UFC)	BR
1141-1160	National Institute of Technology Tiruchirappalli	IN			

1181-1200	Universita' degli studi di Foggia	IT	1201-1250	University of the South Pacific	FJ
1181-1200	Universiti Teknikal Malaysia Melaka	MY	1201-1250	University of the Western Cape	ZA
1181-1200	University of Ioannina	GR	1201-1250	University of Trás-os-Montes and Alto Douro	PT
1181-1200	University of Kerala	IN	1201-1250	University of Venda	ZA
1181-1200	University of Klagenfurt	AT	1201-1250	Vilnius Gediminas Technical University	LT
1181-1200	University of Trieste	IT	1201-1250	Wuhan University of Technology	CN
1181-1200	University of Žilina	SK	1251-1300	Ataturk University	TR
1181-1200	Yeshiva University	US	1251-1300	Beijing University of Technology	CN
1201-1250	Abai Kazakh National Pedagogical University	KZ	1251-1300	Bowling Green State University	US
1201-1250	Air University, Pakistan	PK	1251-1300	Changan University	CN
1201-1250	Al-Azhar University	EG	1251-1300	Fuzhou University	CN
1201-1250	Amirkabir University of Technology	IR	1251-1300	HeFei University of Technology	CN
1201-1250	Auezov South Kazakhstan University (SKU)	KZ	1251-1300	Indian Institute of Technology Indore (IIT Indore)	IN
1201-1250	Benha University	EG	1251-1300	Irkutsk State University	RU
1201-1250	CEU Universities	ES	1251-1300	Kafrelsheikh University	EG
1201-1250	Chang Jung Christian University	TW	1251-1300	Loyola University Chicago	US
1201-1250	China Medical University Taichung	TW	1251-1300	Majmaah University	SA
1201-1250	China University of Petroleum	CN	1251-1300	Mid Sweden University	SE
1201-1250	East Carolina University	US	1251-1300	Miguel Hernandez University	ES
1201-1250	Future University in Egypt	EG	1251-1300	Missouri University of Science and Technology	US
1201-1250	Guangzhou University	CN	1251-1300	Nanchang University	CN
1201-1250	Helwan University	EG	1251-1300	Northeast Normal University	CN
1201-1250	Icahn School of Medicine at Mount Sinai	US	1251-1300	Roskilde University	DK
1201-1250	Imam Mohammad Ibn Saud Islamic University - IMSIU	SA	1251-1300	Shahid Beheshti University (SBU)	IR
1201-1250	Jiangsu University	CN	1251-1300	Sohar University	OM
1201-1250	Kyushu Institute of Technology	JP	1251-1300	Southwest Jiaotong University	CN
1201-1250	Lakehead University	CA	1251-1300	Srinakharinwirot University	TH
1201-1250	Latvia University of Life Sciences and Technologies	LV	1251-1300	St. George's, University of London	UK
1201-1250	Medizinische Universität Wien	AT	1251-1300	State University of Malang	ID
1201-1250	Narxoz University	KZ	1251-1300	Stefan cel Mare University of Suceava	RO
1201-1250	Near East University	CY	1251-1300	Tashkent State Technical University	UZ
1201-1250	Pontifícia Universidade Católica do Paraná	BR	1251-1300	The University of Notre Dame, Australia	AU
1201-1250	Saint Joseph University of Beirut (USJ)	LB	1251-1300	Tokai University	JP
1201-1250	San Francisco State University	US	1251-1300	Universidad de la Costa	CO
1201-1250	Siksha 'O' Anusandhan (Deemed to be University)	IN	1251-1300	Universidad de Lima	PE
1201-1250	Soochow University	CN	1251-1300	Universidad Nacional Agraria la Molina	PE
1201-1250	South Valley University	EG	1251-1300	Universidad Tecnica Particular De Loja (UTPL)	EC
1201-1250	St. Louis University	US	1251-1300	Università degli Studi della Campania Luigi Vanvitelli	IT
1201-1250	Texas State University	US	1251-1300	Universitas Islam Indonesia	ID
1201-1250	The Education University of Hong Kong	HK	1251-1300	Université d'Angers	FR
1201-1250	Universidad Autónoma de Chile	CL	1251-1300	Université François-Rabelais, Tours	FR
1201-1250	Universidad del Valle	CO	1251-1300	Université Sorbonne Paris Nord	FR
1201-1250	Universidad San Ignacio de Loyola	PE	1251-1300	Universiti Teknologi Brunei	BN
1201-1250	Universidade Federal de Pernambuco (UFPE)	BR	1251-1300	University of Balmand	LB
1201-1250	Universidade Federal do Pará - UFPA	BR	1251-1300	University of Calcutta	IN
1201-1250	Université de Caen Normandie	FR	1251-1300	University of Derby	UK
1201-1250	Université de La Rochelle	FR	1251-1300	University of Massachusetts Lowell	US
1201-1250	University of Alabama, Birmingham	US	1251-1300	University of Mataram	ID
1201-1250	University of Central Lancashire	UK	1251-1300	University of Northern British Columbia	CA
1201-1250	University of Memphis	US	1251-1300	University of Petra	JO
1201-1250	University of Mississippi	US	1251-1300	University of Tabuk	SA

1251-1300	Yeungnam University	KR	1301-1350	University of Dar es Salaam	TZ
1251-1300	Yunnan University	CN	1301-1350	University of Lampung	ID
1301-1350	Almaarefa University	SA	1301-1350	University of North Carolina at Greensboro	US
1301-1350	Anhui University	CN	1301-1350	University of North Carolina at Wilmington	US
1301-1350	Bodo University College (Nord University)	NO	1301-1350	University of Sargodha	PK
1301-1350	California Polytechnic State University	US	1301-1350	University Of The Aegean	GR
1301-1350	CHRIST (Deemed to be University), Bengaluru	IN	1301-1350	Yildirim Beyazit Universitesi	TR
1301-1350	Delta University for Science & Technology	EG	1301-1350	Yogyakarta State University	ID
1301-1350	East West University	BD	1351-1400	Abdul Wali Khan University Mardan	PK
1301-1350	EGE UNIVERSITY	TR	1351-1400	Alfaisal University	SA
1301-1350	Fayoum University	EG	1351-1400	Atilim Universitesi	TR
1301-1350	Ferdowsi University of Mashhad	IR	1351-1400	Azerbaijan State Oil and Industry University	AZ
1301-1350	Fordham University	US	1351-1400	Bangabandhu Sheikh Mujibur Rahman Agricultural University	BD
1301-1350	Fundação Getulio Vargas	BR	1351-1400	Bangladesh Agricultural University	BD
1301-1350	Government College University, Faisalabad	PK	1351-1400	California State University - Fullerton	US
1301-1350	Hitotsubashi University	JP	1351-1400	China University of Petroleum (East China)	CN
1301-1350	Illinois Institute of Technology	US	1351-1400	CY Cergy Paris University	FR
1301-1350	Immanuel Kant Baltic Federal University	RU	1351-1400	D. Serikbayev East Kazakhstan Technical University	KZ
1301-1350	INTI International University	MY	1351-1400	Damascus University	SY
1301-1350	Istanbul Aydin University	TR	1351-1400	Ecole Centrale de Lyon	FR
1301-1350	Jahangirnagar University	BD	1351-1400	Fujian Normal University	CN
1301-1350	Karunya Institute of Technology and Sciences - Deemed to be University	IN	1351-1400	Gyeongsang National University	KR
1301-1350	Kazakh-British Technical University	KZ	1351-1400	International Islamic University Malaysia (IIUM)	MY
1301-1350	Kharkiv National University of Radio Electronics	UA	1351-1400	I-Shou University (ISU)	TW
1301-1350	Kyrgyz-Turkish Manas University	KG	1351-1400	Islamic University of Gaza	PS
1301-1350	Mutah University	JO	1351-1400	JSS Academy of Higher Education and Research (Deemed to be University)	IN
1301-1350	National University of Modern Languages (NUML), Islamabad	PK	1351-1400	King Mongkut's University of Technology North Bangkok	TH
1301-1350	Northwest University (China)	CN	1351-1400	Koneru Lakshmaiah Education Foundation	IN
1301-1350	Pontificia Universidade Católica de Minas Gerais - PUC Minas	BR	1351-1400	Lucian Blaga University of Sibiu	RO
1301-1350	Riphah International University	PK	1351-1400	Middlebury College	US
1301-1350	Santa Clara University	US	1351-1400	National Ilan University	TW
1301-1350	SASTRA Deemed University	IN	1351-1400	Princess Sumaya University for Technology	JO
1301-1350	Shanghai Normal University	CN	1351-1400	Shakarim University of the City of Semey, Kazakhstan	KZ
1301-1350	Silesian University of Technology	PL	1351-1400	Shandong University of Science and Technology	CN
1301-1350	South Ural State University (National Research University)	RU	1351-1400	Shanghai University of Finance and Economics	CN
1301-1350	Southwestern University of Finance and Economics	CN	1351-1400	Shibaura Institute of Technology	JP
1301-1350	SUNY - College of Environmental Science and Forestry	US	1351-1400	Southern Federal University	RU
1301-1350	Taibah University	SA	1351-1400	Universidad de La Sabana	CO
1301-1350	Technical University of Crete	GR	1351-1400	Universidad de Los Andes - (ULA) Mérida	VE
1301-1350	Technische Universität Bergakademie Freiberg	DE	1351-1400	Universidad Peruana de Ciencias Aplicadas	PE
1301-1350	Tokyo University of Agriculture and Technology	JP	1351-1400	Universidade do Estado do Rio de Janeiro (UERJ)	BR
1301-1350	Transilvania University of Brasov	RO	1351-1400	Universidade Federal do Rio Grande Do Norte	BR
1301-1350	Universidad de La Frontera (UFRO)	CL	1351-1400	Università degli studi di Bergamo	IT
1301-1350	Universidad de La Habana	CU	1351-1400	Università del Salento	IT
1301-1350	Universidad de Monterrey (UDEM)	MX	1351-1400	Universitas Muhammadiyah Surakarta	ID
1301-1350	Universitas Trisakti	ID	1351-1400	Universität des Saarlandes	DE
1301-1350	Université de Perpignan Via Domitia	FR	1351-1400	Université de Franche-Comté	FR
1301-1350	Université Toulouse 1 Capitole	FR	1351-1400	Université de Pau et des Pays de l'Adour	FR

1351-1400	Université Lumière Lyon 2	FR	1401-1450	Universidad de Las Américas (UDLA) Ecuador	EC
1351-1400	University of Anbar	IQ	1401-1450	Universidade Federal da Paraíba	BR
1351-1400	University of Bisha	SA	1401-1450	Universidade Federal de Goiás	BR
1351-1400	University of Deusto	ES	1401-1450	Universidade Federal do ABC (UFABC)	BR
1351-1400	University of Karachi	PK	1401-1450	Université de Toulouse II-Le Mirail	FR
1351-1400	University of Manouba	TN	1401-1450	University College of Boras	SE
1351-1400	University of Novi Sad	RS	1401-1450	University of Missouri, Kansas City	US
1351-1400	University of San Francisco	US	1401-1450	University of Tyumen	RU
1351-1400	University of Taipei	TW	1401-1450	Villanova University	US
1351-1400	University of Wolverhampton	UK	1451-1500	Al Nahrain University	IQ
1351-1400	Wroclaw University of Science and Technology (WUST)	PL	1451-1500	Arab Academy for Science, Technology and Maritime Transport	EG
1401-1450	American International University-Bangladesh (AIUB)	BD	1451-1500	Baku Engineering University	AZ
1401-1450	Atma Jaya Catholic University Jakarta	ID	1451-1500	Central Michigan University	US
1401-1450	Bangladesh University of Engineering and Technology	BD	1451-1500	China University of Mining and Technology (Beijing)	CN
1401-1450	Beijing Forestry University	CN	1451-1500	Egypt Japan University of Science & Technology	EG
1401-1450	Beijing Jiaotong University	CN	1451-1500	Goa University	IN
1401-1450	BRAC University	BD	1451-1500	Hangzhou Normal University	CN
1401-1450	Central China Normal University (f.k.a. Huazhong Normal University)	CN	1451-1500	Interregional Academy of Personnel Management	UA
1401-1450	CUNY Hunter College	US	1451-1500	Islamic Azad University	IR
1401-1450	École Centrale de Nantes	FR	1451-1500	Karadeniz Technical University	TR
1401-1450	Estonian University of Life Sciences	EE	1451-1500	Karaganda State Technical University	KZ
1401-1450	Incheon National University	KR	1451-1500	King Saud bin Abdulaziz University For Health Sciences	SA
1401-1450	International Hellenic University	GR	1451-1500	Medizinische Hochschule Hannover	DE
1401-1450	Jiangnan University	CN	1451-1500	Meiji University	JP
1401-1450	Khoja Akhmet Yassawi International Kazakh-Turkish University	KZ	1451-1500	Najran University	SA
1401-1450	Klaipeda University	LT	1451-1500	Nguyen Tat Thanh University (NTTU), HCMC	VN
1401-1450	Korkyt Ata Kyzylorda University	KZ	1451-1500	North China Electric Power University	CN
1401-1450	Kyiv National University of Technologies and Design	UA	1451-1500	North-Caucasus Federal University	RU
1401-1450	Marquette University	US	1451-1500	Northeastern University (China)	CN
1401-1450	Mehran University of Engineering and Technology	PK	1451-1500	Perm State National Research University	RU
1401-1450	Nanjing Forestry University	CN	1451-1500	Riga Stradins University	LV
1401-1450	Nicolaus Copernicus University	PL	1451-1500	South Dakota State University	US
1401-1450	Oregon Health & Science University (OHSU)	US	1451-1500	Sumy National Agrarian University	UA
1401-1450	Peking Union Medical College	CN	1451-1500	SWPS University	PL
1401-1450	Rikkyo University	JP	1451-1500	Technical University - Sofia	BG
1401-1450	Samara National Research University (Samara University)	RU	1451-1500	Universidad Austral	AR
1401-1450	Saudi Electronic University	SA	1451-1500	Universidad de Talca	CL
1401-1450	SEGi University	MY	1451-1500	Universidad Nacional del Comahue	AR
1401-1450	Shaanxi Normal University	CN	1451-1500	Universidad Nacional del Sur	AR
1401-1450	Shiv Nadar University	IN	1451-1500	Universidade Federal de Pelotas	BR
1401-1450	Sichuan Agricultural University	CN	1451-1500	Universidade Tecnológica Federal do Paraná	BR
1401-1450	Tashkent State Transport University	UZ	1451-1500	Universita' degli Studi "G. d'Annunzio" Chieti Pescara	IT
1401-1450	Technische Universität Hamburg-Harburg	DE	1451-1500	Universität Siegen	DE
1401-1450	Teesside University	UK	1451-1500	Université de Limoges	FR
1401-1450	The University of Fortaleza-UNIFOR	BR	1451-1500	Université de Tunis	TN
1401-1450	Toms State University	RU	1451-1500	Université du Maine	FR
1401-1450	Universidad Cientifica del Sur	PE	1451-1500	University of Babylon	IQ
			1451-1500	University of East London	UK
			1451-1500	University of International Business and Economics	CN

1451-1500	University of Lodz	PL	1501+	Donghua University	CN
1451-1500	University of Mazandaran	IR	1501+	Duksung Women's University	KR
1451-1500	University of South Wales	UK	1501+	Dulaty University (Taraz University named after M.Kh. Dulaty)	KZ
1451-1500	University of Tabriz	IR	1501+	Düzce University	TR
1451-1500	University of Veterinary and Animal Sciences, Lahore	PK	1501+	École Centrale de Lille	FR
1451-1500	Yangzhou University	CN	1501+	Effat University	SA
1451-1500	Zhongnan University of Economics and Law	CN	1501+	Ehime University	JP
1501+	Ahlia University	BH	1501+	Escuela Politécnica Nacional	EC
1501+	Ahmad Dahlan University	ID	1501+	Eszterházy Károly Catholic University	HU
1501+	Ahmadu Bello University, Zaria	NG	1501+	European University Institute	IT
1501+	Almaty Technological University	KZ	1501+	Fatima Jinnah Women University	PK
1501+	American University in Dubai	AE	1501+	Ferhat Abbas Setif University 1	DZ
1501+	American University of Ras Al Khaimah (AURAK)	AE	1501+	GC University Lahore	PK
1501+	Amity University - Rajasthan	IN	1501+	Georgia Southern University	US
1501+	Amity University Maharashtra	IN	1501+	GfK Institute of Engineering Sciences and Technology	PK
1501+	Amrita Vishwa Vidyapeetham	IN	1501+	Guizhou University	CN
1501+	Annamalai University	IN	1501+	Gulf University for Science and Technology	KW
1501+	Appalachian State University (ASU)	US	1501+	Harbin Engineering University	CN
1501+	Applied Science University - Bahrain	BH	1501+	Hebei University of Technology	CN
1501+	Arid Agriculture University	PK	1501+	Hongik University	KR
1501+	Ashoka University	IN	1501+	Hue University	VN
1501+	Atma Jaya Yogyakarta University	ID	1501+	Hunan Normal University	CN
1501+	Azerbaijan Architecture and Construction University	AZ	1501+	Illinois State University	US
1501+	Azerbaijan Technical University	AZ	1501+	Independent University, Bangladesh	BD
1501+	B.S. Abdur Rahman Crescent Institute of Science and Technology (Deemed to be University)	IN	1501+	Indian Institute of Science Education and Research, Bhopal	IN
1501+	Babol Noshirvani University of Technology	IR	1501+	Indian Institute of Technology Ropar	IN
1501+	Bahauddin Zakariya University	PK	1501+	Indian Statistical Institute	IN
1501+	Bahcesehir University	TR	1501+	Institut National des Sciences Appliquées de Toulouse (INSA)	FR
1501+	Beijing University of Posts and Telecommunications	CN	1501+	Institut Teknologi Nasional Bandung (ITENAS Bandung)	ID
1501+	Benemérita Universidad Autónoma de Puebla	MX	1501+	Institute of Chemical Technology (UDCT), Mumbai	IN
1501+	Bharathiar University, Coimbatore	IN	1501+	Instituto Tecnológico Autónomo de México (ITAM)	MX
1501+	Brandeis University	US	1501+	International Islamic University Islamabad (IIU)	PK
1501+	Cadi Ayyad University	MA	1501+	Iran University of Science and Technology	IR
1501+	Cardiff Metropolitan University	UK	1501+	Isfahan University of Technology	IR
1501+	Central University of Finance and Economics	CN	1501+	Istanbul Medeniyet University	TR
1501+	Chapman University	US	1501+	Istanbul Medipol University	TR
1501+	Cheikh Anta Diop University	SN	1501+	ITMO University	RU
1501+	Chengdu University	CN	1501+	Izmir Ekonomi Universitesi	TR
1501+	Chhatrapati Shahu Ji Maharaj University	IN	1501+	Jazan University	SA
1501+	Chuo University	JP	1501+	John von Neumann University	HU
1501+	Clarkson University	US	1501+	K.N.Toosi University of Technology	IR
1501+	Cleveland State University	US	1501+	Kennesaw State University	US
1501+	Corvinus University of Budapest	HU	1501+	Khazir University	AZ
1501+	Council for Scientific and Industrial Research Ghana	GH	1501+	Khulna University	BD
1501+	CUNY Queens College	US	1501+	Kremenchuk Mykhailo Ostrohradskiy National University	UA
1501+	Dalian Maritime University	CN	1501+	Krirk University	TH
1501+	Damietta University	EG	1501+	Kyiv National Economic University	UA
1501+	DePaul University	US	1501+	Kyoto Institute of Technology	JP
1501+	Dnipro Polytechnic National Technical University	UA	1501+	Loyola University	ES

1501+	Maharakham University	TH	1501+	Tashkent University of Information Technology	UZ
1501+	Minia University	EG	1501+	Tata Institute of Social Sciences	IN
1501+	Minzu University of China	CN	1501+	Texas A&M University - Corpus Christi	US
1501+	Montclair State University	US	1501+	The Herzen State Pedagogical University of Russia	RU
1501+	Mustansiriyah University	IQ	1501+	The New School	US
1501+	Nanjing Tech University	CN	1501+	The University of Texas M. D. Anderson Cancer Center	US
1501+	National Changhua University of Education	TW	1501+	The University of Texas Southwestern Medical Center at Dallas	US
1501+	National Chi Nan University	TW	1501+	Tikrit University	IQ
1501+	National Institute of Technology Karnataka (NITK)	IN	1501+	Tokyo Metropolitan University	JP
1501+	National Taipei University	TW	1501+	Tomas Bata University in Zlin	CZ
1501+	National University of Kaohsiung	TW	1501+	Towson University	US
1501+	National University of Science and Technology	OM	1501+	Transport and Telecommunication Institute, Riga	LV
1501+	NED University of Engineering and Technology	PK	1501+	Tunku Abdul Rahman University of Management and Technology (TAR UMT)	MY
1501+	New Mexico Institute of Mining and Technology	US	1501+	United Nations University	JP
1501+	North Carolina A & T State University	US	1501+	Universidad Anáhuac México	MX
1501+	Northern Illinois University	US	1501+	Universidad Autónoma de Bucaramanga	CO
1501+	Northern Technical university	IQ	1501+	Universidad Autónoma de Campeche	MX
1501+	North-Kazakhstan State University named after M. Kozybayev	KZ	1501+	Universidad Autónoma de San Luis de Potosí	MX
1501+	Nova Southeastern University	US	1501+	Universidad Autónoma de La Santísima Concepción - UCSC	CL
1501+	O.M.Beketov National University of Urban Economy	UA	1501+	Universidad Católica de Temuco	CL
1501+	Oakland University	US	1501+	Universidad de Colima	MX
1501+	Palestine Polytechnic University	PS	1501+	Universidad de los Andes - Chile	CL
1501+	Parahyangan Catholic University	ID	1501+	Universidad de Panama	PA
1501+	Politecnico di Bari	IT	1501+	Universidad de San Martín de Porres -USMP	PE
1501+	Pontificia Universidad Católica Argentina	AR	1501+	Universidad del Azuay	EC
1501+	Pontificia Universidad Católica Madre y Maestra	DO	1501+	Universidad del Bio-Bío	CL
1501+	Pontificia Universidade Católica do Rio Grande do Sul (PUCRS)	BR	1501+	Universidad El Bosque	CO
1501+	Poznan University of Life Sciences	PL	1501+	Universidad Iberoamericana IBERO	MX
1501+	Poznań University of Technology	PL	1501+	Universidad Industrial de Santander - UIS	CO
1501+	RIKEN	JP	1501+	Universidad Mayor	CL
1501+	Roehampton University, London	UK	1501+	Universidad Nacional de la Asunción	PY
1501+	Russian State Agrarian University - Moscow Timiryazev Agricultural Academy	RU	1501+	Universidad Nacional de Mar del Plata	AR
1501+	Saint Petersburg Electrotechnical University ETU-LETI	RU	1501+	Universidad Nacional de San Martín (UNSAM)	AR
1501+	Saint-Petersburg Mining University	RU	1501+	Universidad Nacional Mayor de San Marcos	PE
1501+	Saitama University	JP	1501+	Universidad Pontificia Bolivariana	CO
1501+	Scottish Agricultural College (SAC)	UK	1501+	Universidad Pública de Navarra	ES
1501+	Sechenov University	RU	1501+	Universidad Tecnológica Centroamericana (UNITEC) - Honduras	HN
1501+	Shahjalal University of Science and Technology	BD	1501+	Universidad Tecnológica de Panamá (UTP)	PA
1501+	Shanghai Maritime University	CN	1501+	Universidad UTE	EC
1501+	Sharda University	IN	1501+	Universidad Veracruzana	MX
1501+	Shinshu University	JP	1501+	Universidade Federal de Alagoas	BR
1501+	Shivaji University, Kolhapur	IN	1501+	Universidade Federal de Juiz de Fora - (UFJF)	BR
1501+	Singapore University of Technology and Design	SG	1501+	Universidade Federal de Ouro Preto	BR
1501+	Slovak University of Agriculture in Nitra	SK	1501+	Universidade Federal do Espírito Santo	BR
1501+	Slovak University of Technology in Bratislava	SK	1501+	Universidade Federal do Rio Grande	BR
1501+	Southern Illinois University-Carbondale	US	1501+	Universita' degli Studi dell'Aquila	IT
1501+	Suleyman Demirel University	TR	1501+	Universita' degli Studi di Urbino	IT
1501+	Sungshin Women's University	KR	1501+	Universita' di Camerino	IT
1501+	Superior University, Lahore	PK	1501+	Università Vita-Salute San Raffaele	IT
1501+	Tafila Technical University	JO			

1501+	Universitas Kristen Petra	ID	1501+	Xi'an University of Architecture and Technology (XAUAT)	CN
1501+	Universitas Tarumanagara	ID	1501+	Xidian University	CN
1501+	Université Catholique de Lille	FR	1501+	Xinjiang University	CN
1501+	Université d'Avignon et des Pays de Vaucluse	FR	1501+	Yeditepe University	TR
1501+	Université de Bretagne-Sud (UBS)	FR	1501+	Yuriy Fedkovych Chernivtsi National University	UA
1501+	Université de Carthage	TN	1501+	Zhytomyr Polytechnic State University	UA
1501+	Université de Reims Champagne-Ardenne	FR			
1501+	Université d'Orléans	FR			
1501+	Université Hassan II de Casablanca	MA			
1501+	Université internationale de Rabat	MA			
1501+	Université Jean Moulin Lyon 3	FR			
1501+	Université Larbi Ben Mhidi - Oum El Bouaghi	DZ			
1501+	Université Rennes 2 - Haute Bretagne	FR			
1501+	Université Sidi Mohamed Ben Abdellah	MA			
1501+	University of Akron	US			
1501+	University of Bahrain	BH			
1501+	University of Botswana	BW			
1501+	University of Cape Coast Ghana	GH			
1501+	University of Da Nang	VN			
1501+	University of Dayton	US			
1501+	University of Gujrat	PK			
1501+	University of Isfahan	IR			
1501+	University of Jeddah	SA			
1501+	University of Kashmir, Srinagar	IN			
1501+	University of Lucknow, Lucknow	IN			
1501+	University of Madras	IN			
1501+	University of Malakand, Chakdara	PK			
1501+	University of Massachusetts Medical School - Worcester	US			
1501+	University of Miskolc	HU			
1501+	University of Monastir	TN			
1501+	University of Moratuwa	LK			
1501+	University of Mosul	IQ			
1501+	University of Nigeria Nsukka	NG			
1501+	University of North Dakota	US			
1501+	University of Northern Colorado	US			
1501+	University of Opole	PL			
1501+	University of Ostrava	CZ			
1501+	University of Peshawar	PK			
1501+	University of Petroleum and Energy Studies (UPES)	IN			
1501+	University of Phayao	TH			
1501+	University of Sadat City	EG			
1501+	University of Shanghai for Science and Technology	CN			
1501+	University of South Alabama (USA)	US			
1501+	University of Sri Jayewardenepura	LK			
1501+	University of the Ryukyus	JP			
1501+	University of West Indies at Mona	JM			
1501+	University of Zimbabwe	ZW			
1501+	University Politehnica of Timisoara, UPT	RO			
1501+	Urgench State University	UZ			
1501+	Western Washington University	US			
1501+	Wright State University	US			

QS WORLD UNIVERSITY RANKINGS

ranked **281st**

QS Europe University Rankings

QS WORLD UNIVERSITY RANKINGS

ranked **12th**

QS Europe University Rankings: Central Asia 2025

QS WORLD UNIVERSITY RANKINGS

ranked **801-850 band**

QS World University Rankings 2025

THE IMPACT RANKINGS

THE Impact 2025:

801-1000

Achieved the highest possible **5 stars in 7 categories** in the QS Stars audit



6

Campuses



13

Faculties



17

Departments



25

Undergraduate programs



14

Doctoral programs



16000+

Student population



950+

International students



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22 majors and **105** specializations at the master's level



UNEC Branches

- UNEC Zaqatala Branch: 9 Bachelor's programs
- UNEC Derbend Branch (Russian Federation): 3 Bachelor's programs



In the QS World University Rankings by Subject 2025

Economics and Econometric
ranked in the **351-400 band**

Social Sciences and Management
ranked in the **401 - 450 band**

Webometrics

RANKING WEB OF UNIVERSITIES

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Opening Doors

By Seb Murray

Universities shape the world more than we realise. The policies we follow, the industries we build and the technologies we rely on, often stem from research and ideas incubated in higher education institutions. But in the face of climate change, economic instability and widening inequality, the role of universities has never been more critical – or more scrutinised.

Are they providing students with the knowledge and tools to tackle the planet's biggest sustainability challenges, or are they failing to align with the urgency of the moment?

Higher education sits at the crossroads of sustainability. Universities produce the research that influences global climate policies, train the engineers designing renewable energy solutions and prepare business leaders to rethink economic models for a low-carbon future. The United Nations' Sustainable Development Goals (SDGs) acknowledge this influence, particularly goal four – quality education – which acts as a multiplier for the other SDGs.

Yet, despite their potential, many universities are falling short. Sustainability remains an elective rather than a core principle in many institutions, limiting its impact. Some research centres push groundbreaking climate solutions, but their findings struggle to escape the academic bubble.

And for all the talk of corporate partnerships and industry-driven innovation, universities remain financially and structurally tied to legacy industries that thrive on business-as-usual models.

Higher education has the power to drive systemic change. The question is whether it will rise to the challenge.

Real change?

A university degree has long been seen as a pathway to upward economic mobility, but its impact extends far beyond the success of individual students. Higher education is a big lever for sustainability overall. Nowhere is this more evident than in the SDGs, where quality education stands as the foundation upon which nearly every other goal depends.

Education doesn't exist in isolation. A well-designed university system feeds directly into sustainable development: giving students the expertise to transition industries toward renewable energy (SDG 7), training policymakers to craft more equitable economic models (SDG 8) and conducting research that informs climate adaptation strategies (SDG 13).

When higher education succeeds in embedding sustainability at its core, the ripple effects touch nearly every sector of society.

"To solve wicked problems, we need to mobilise new knowledge through diverse networks and collaboration," observes Valentina Tartari, a professor of innovative and sustainable business development at Sweden's Stockholm School of Economics. "This will require a new set of skills, such as the ability to work across disciplines, to communicate to different stakeholders and to manage complex problems."



Research has shown that sustainability-focused education leads to long-term environmental and economic benefits.

A 2023 study published in journal, *Sustainability*, found that education plays a direct role in cutting emissions in China, especially when paired with green innovation and strong government policies. In effect, a well-educated workforce is not only aware of sustainability – it actively pushes it forward.

Universities have also become key players in fostering or at least drawing attention to climate resilience. The Stockholm Resilience Centre has pioneered research on planetary boundaries. The framework, developed in 2009, identifies nine Earth systems that keep the planet stable. We have, sadly, already crossed six of them.

Such advances not only push the scientific frontier; they help shape the policies and business strategies that will define the coming decades. But sustainability in higher education is not just about climate solutions. Universities play an equally important role in fostering social equity. Education is one of the strongest predictors of upward mobility, and yet, access to higher education remains deeply unequal. Studies have shown that higher education can lead to better job opportunities and higher income, thereby contributing to upward social mobility.

But it is highly skewed towards students from higher-income backgrounds, since early socio-economic disadvantage in childhood leads to low levels of academic achievement.

Another challenge is that many universities still treat sustainability as an after-thought. Courses on the subject often remain siloed, with environmental departments disconnected from business schools and engineering faculties, for instance.

And while institutions pride themselves on producing world-changing research, much of it remains locked behind academic paywalls, inaccessible to the communities that need it most. Or in academic journals with a very narrow readership.

Higher education has the potential to be the backbone of sustainable development, but only if universities recognise their role as more than just knowledge hubs. They could become active agents of change – by embedding sustainability into every discipline, breaking down institutional barriers and broadening access to quality education.

“I see growing and heartening evidence of energy and new initiatives, often bottom-up, which are being taken forward with creativity, imagination and relevance, and which challenge traditional structures and work models,” says Stephen Sterling, emeritus professor of sustainability at the University of Plymouth.

He adds: “This means, for example, reorienting research priorities, forging and growing links across the university and involving students in designing the curriculum, often working in and with the community.”

Bridge or barrier?

Higher education is supposed to be a great equaliser, but in reality, it often reinforces existing inequalities. In rural areas, universities are physically out of reach. In low-income communities, tuition costs alone put degrees beyond consideration.

The numbers tell the story. In some nations, figures from the World Bank show the enrolment rate of the richest is exponentially higher than that of the poorest. In Mexico, the wealthiest students are 18 times more likely to enrol in university than the poorest. In sub-Saharan Africa, the divide is even starker: the richest 20 percent of households claim 80 percent of university spots, while the poorest 40 percent barely make up 2 percent of students.

Without intervention, sustainability solutions remain the domain of the privileged – designed by those who have access, not those who are directly affected.

Some universities are changing that. Instead of waiting for marginalised communities to come to them, they’re taking education to the people who need it most.

In India, Amrita Vishwa Vidyapeetham’s Live-in-Labs programme sends university students into remote villages to co-develop sustainability solutions with local communities. From building water purification systems to deploying off-grid solar power, the programme empowers rural populations with the skills and technology they need to drive their own climate resilience.

And in sub-Saharan Africa, universities are dismantling one of the biggest barriers to education: cost. The African Leadership University, with campuses in Rwanda and Mauritius, operates on a low-cost, competency-based model, designed to make higher education accessible to students from all socioeconomic backgrounds. Annual tuition is approximately \$3,000.

What this shows is that higher education has the power to bridge the gap between privilege and participation. “We cannot ensure that sustainability education reaches

everyone, but those involved in this movement need to do all they can to take sustainability education – and climate education – forward,” says Sterling

“That means engaging with the national and international movement which is seeking to advance sustainability as a key purpose of all educational endeavours,” he continues. “There is a great deal going on, and the time is now.”

Talk or action?

Some universities are also leading the charge against internal barriers, tearing down traditional academic silos and integrating sustainability into every field of study. The University of Cambridge’s Master of Studies in Sustainability Leadership equips executives, policymakers and business leaders with the tools to embed climate-conscious thinking into corporate decision-making.

At Stanford University, sustainability is a campus-wide priority. Stanford’s new US\$1.69 billion Doerr School of Sustainability brings together geophysicists, economists and political scientists to tackle climate solutions from multiple angles, recognising that environmental challenges require more than just technical fixes.

In Finland, sustainability shapes the entire student experience at Aalto University, where art, science and engineering blend, challenging students to create circular economy solutions that make sustainability tangible, not theoretical.

“It usually starts with proper R&D investments and projects that bring together professionals and researchers to tackle the real-world sustainability challenges that companies have,” says Jenni Kässi, Marketing and Communications Director at Aalto University Executive Education. “This gives the possibility to find truly new and innovative solutions that are not yet available on the market.”

Then there is research. Universities have long been engines of intellectual property, but too much of it stays locked in academic journals – detached from the communities and industries that need it most. The best institutions are working to change that, pushing sustainability research into the real world.

In the US, MIT’s Environmental Solutions Initiative is connecting its climate research with frontline communities, ensuring that sustainability innovations reach those hit hardest by environmental degradation.

Meanwhile, the University of Cape Town’s Future Water Institute works directly with local governments to implement water conservation strategies, addressing South Africa’s ongoing water crisis.

Yet, sustainability can’t be achieved in a vacuum. The most effective universities are building bridges – partnering with businesses, NGOs and policymakers to scale solutions and embed sustainability into global supply chains.

Take Harvard University’s Business and Environment Initiative. Instead of treating sustainability as an afterthought, it works directly with Fortune 500 companies to integrate climate strategies into corporate leadership.

In the Netherlands, Wageningen University & Research is setting the standard for agricultural sustainability, partnering with companies like Unilever to develop regenerative farming practices that reduce emissions and restore biodiversity.

And in Asia, the National University of Singapore’s Centre for Nature-Based Climate Solutions collaborates with nonprofits and governments to drive carbon sequestration projects across the region, capturing and storing atmospheric carbon.

"I think that one of the best ways to foster this collaboration is through the development of integrated learning programmes where students can work on sustainability projects directly with businesses," says Tartari, at the Stockholm School of Economics.

"At the same time, it is good to involve business partners in the design of the actual curricula, to ensure that our graduates are equipped not only with the most relevant and up-to-date knowledge, but also with skills that are valued in business."

The question is whether the rest of higher education will follow these examples – or whether sustainability will continue to be more of a discussion than a concrete priority.

Universities pride themselves on being engines of progress, but for too many people, higher education remains out of reach. Across the world, marginalised communities – such as lower income brackets and rural populations – face systemic barriers to accessing quality education. And without that access, sustainability efforts suffer.

Ultimately, sustainability is not just about technology, policy or corporate pledges – it's about education, too. But systemic change doesn't happen in isolation.

Governments need to invest in accessible, sustainability-driven education. Universities must break down barriers between academia and real-world application. And businesses and nonprofits must partner with institutions to scale solutions, not just research them.

"We aim at making a long-term, in-depth impact on individuals, but also their entire workplace; that's the promise we make to our students," says Kässi at Aalto in Finland.

Higher education's influence on sustainability is, ultimately, being tested like never before. Universities have the tools, the research and the expertise to drive the solutions the world desperately needs. Yet too often, sustainability remains an afterthought – buried in elective courses, locked in academic journals or trapped in bureaucratic inertia.

Some institutions are proving that education can be a real lever for change. They are integrating sustainability across disciplines, forging partnerships with businesses and communities, and making sustainability education accessible to those who need it most.

The question is no longer whether universities can help shape a more sustainable world. It's whether they will. Because in the end, sustainability can't just be studied. It has to be lived, practiced and embedded into the DNA of higher education itself.

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جامعة الأمير محمد بن فهد PRINCE MOHAMMAD BIN FAHD UNIVERSITY



100+ **Approved Inventions PATENTS** in the US Patent Office

7 **Colleges**

10 **Graduate Programs**

20 **Undergraduate Programs**

RANKINGS

TIMES HIGHER EDUCATION



251 - 300
World University
Rankings - 2025

101 - 200
World Impact
Rankings - 2024

QUACQUARELLI SYMONDS



513
World University
Rankings - 2025

15
Arab University
Rankings - 2025

U.S. NEWS



4
Best Global University
for Engineering in
Saudi Arabia

375
Best Universities for
Engineering Globally

SHANGHAI RANKINGS



151-200
Global Rankings of
Academic Subjects 2023
Subject Category:
Energy Science &
Engineering

INTERNATIONAL ACCREDITATIONS



=1	University of Toronto	CA	=48	University of Bath	UK
=1	University of British Columbia	CA	=54	University of York	UK
3	The University of New South Wales (UNSW Sydney)	AU	=54	Macquarie University	AU
=4	The University of Melbourne	AU	=54	RMIT University	AU
=4	The University of Sydney	AU	=57	Uppsala University	SE
=4	The Australian National University	AU	=57	Université Paris-Saclay	FR
7	Monash University	AU	=57	Lancaster University	UK
=8	University of Bristol	UK	60	University of Liverpool	UK
=8	The University of Queensland	AU	=61	The London School of Economics and Political Science (LSE)	UK
=10	Lund University	SE	=61	University of Southern California	US
=10	University of Glasgow	UK	=61	Queen's University Belfast	UK
=12	UCL	UK	=61	Queen's University at Kingston	CA
=12	The University of Edinburgh	UK	=65	Rheinische Friedrich-Wilhelms-Universität Bonn	DE
=12	KU Leuven	BE	=65	The University of Western Australia	AU
15	University of Birmingham	UK	=67	Loughborough University	UK
=16	University of California, Berkeley (UCB)	US	=68	Massachusetts Institute of Technology (MIT)	US
=16	The University of Manchester	UK	=68	Queensland University of Technology (QUT)	AU
=16	Stanford University	US	=68	Queen Mary University of London	UK
19	University of Nottingham	UK	=71	University of Gothenburg	SE
20	Imperial College London	UK	=71	National University of Singapore (NUS)	SG
=21	ETH Zurich - Swiss Federal Institute of Technology	CH	=71	University of Wollongong	AU
=21	Michigan State University	US	=74	KTH Royal Institute of Technology	SE
=23	King's College London	UK	=74	University of Ottawa	CA
=23	Pennsylvania State University	US	=74	Deakin University	AU
=23	Johns Hopkins University	US	=77	Griffith University	AU
=23	University of Calgary	CA	=77	McMaster University	CA
=27	University of Pennsylvania	US	=77	Swansea University	UK
=27	University of Waterloo	CA	=77	Curtin University	AU
=29	The University of Sheffield	UK	=81	Université de Montréal	CA
=29	University of Technology Sydney	AU	=81	Purdue University	US
=29	Ruprecht-Karls-Universität Heidelberg	DE	=81	The University of Newcastle, Australia (UON)	AU
=29	The University of Warwick	UK	=84	Universitat Autònoma de Barcelona	ES
=33	The University of Auckland	NZ	=84	Technische Universität Dresden	DE
=33	University of Helsinki	FI	=84	La Trobe University	AU
=33	Durham University	UK	=84	Vrije Universiteit Brussel (VUB)	BE
=33	Ghent University	BE	=88	University of Reading	UK
=33	The University of Exeter	UK	=88	Sorbonne University	FR
=33	New York University (NYU)	US	=88	Complutense University of Madrid	ES
=33	University of Minnesota Twin Cities	US	=91	University of Colorado Boulder	US
=33	Newcastle University	UK	=91	University of Cologne	DE
=33	University of Alberta	CA	=91	North Carolina State University	US
=33	Arizona State University	US	=94	University of Cape Town	ZA
=43	Delft University of Technology	NL	=94	Rutgers University–New Brunswick	US
=43	University of Southampton	UK	=94	University of St Andrews	UK
=43	Universität Hamburg	DE	=94	Alma Mater Studiorum - University of Bologna	IT
=43	Cardiff University	UK	=98	University of Otago	NZ
=43	Ludwig-Maximilians-Universität München	DE	=98	EPFL	CH
=48	McGill University	CA	=98	Sapienza University of Rome	IT
=48	Western University	CA			
=48	University College Dublin	IE			
=48	Technical University of Munich	DE			
=48	The University of Adelaide	AU			

=101	University of Aberdeen	UK	=151	Dalhousie University	CA
=101	University of Antwerp	BE	=151	The University of Hong Kong	HK
=103	Université PSL	FR	=151	Victoria University of Wellington	NZ
=103	Universitat de Barcelona	ES	=151	Fudan University	CN
=105	The University of Tokyo	JP	=151	Chalmers University of Technology	SE
=105	Wageningen University & Research	NL	=151	University of Amsterdam	NL
=105	Nanyang Technological University, Singapore (NTU)	SG	=157	Massey University	NZ
=108	University of Sussex	UK	=157	Brunel University London	UK
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=108	University of Galway	IE	=157	Université de Liège	BE
=111	York University	CA	=157	University of Milan	IT
=111	Université catholique de Louvain (UCLouvain)	BE	=157	Boston University	US
=113	University College Cork	IE	=163	Tel Aviv University	IL
=113	Norwegian University of Science And Technology	NO	=163	Charles University	CZ
=113	University of Leeds	UK	=163	Erasmus University Rotterdam	NL
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=117	Goethe-University Frankfurt am Main	DE	=166	University of Guelph	CA
=117	University of Cambridge	UK	=166	KIT, Karlsruhe Institute of Technology	DE
=117	University of California, Los Angeles (UCLA)	US	=166	Florida International University	US
=120	Universidade de São Paulo	BR	=166	King Abdulaziz University (KAU)	SA
=120	Albert-Ludwigs-Universitaet Freiburg	DE	=171	Yonsei University	KR
=120	Simon Fraser University	CA	=171	University of Massachusetts Amherst	US
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=120	University of Lisbon	PT	=171	Manchester Metropolitan University (MMU)	UK
=120	Columbia University	US	=171	Westfälische Wilhelms-Universität Münster	DE
=120	Cornell University	US	=171	University of Wisconsin-Madison	US
=127	Yale University	US	=171	Universitat Pompeu Fabra (Barcelona)	ES
=127	Maastricht University	NL	=178	The Chinese University of Hong Kong (CUHK)	HK
=127	University of Porto	PT	=178	Kyoto University	JP
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=130	Seoul National University	KR	=178	James Cook University	AU
=130	University of Oxford	UK	=178	University of Leicester	UK
=130	Harvard University	US	=178	University of Twente	NL
=130	Duke University	US	=178	Utrecht University	NL
=130	University of Michigan-Ann Arbor	US	=178	Northwestern University	US
=136	Universiti Malaya (UM)	MY	=178	University of Florence	IT
=136	Pontificia Universidad Católica de Chile (UC)	CL	=187	University of Vienna	AT
=136	University of Illinois at Urbana-Champaign	US	=187	University of Texas at Austin	US
=136	University of Turku	FI	=187	University of Zurich	CH
=140	Washington University in St. Louis	US	=187	The Ohio State University	US
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=149	RWTH Aachen University	DE	=199	Princeton University	US
			=199	Brown University	US
			=199	University of California, San Diego (UCSD)	US

=199	University of Bern	CH	=252	Politecnico di Milano	IT
=204	University of Canterbury Te Whare Wānanga o Waitaha	NZ	=252	University of Pisa	IT
=204	University of Limerick	IE	=252	Qatar University	QA
=204	University of Florida	US	=252	Coventry University	UK
=204	Leiden University	NL	=255	University at Buffalo SUNY	US
=208	Flinders University	AU	=255	Universität Potsdam	DE
=208	University of Navarra	ES	=255	Politecnico di Torino	IT
=210	Stony Brook University, State University of New York	US	=258	University of Jyväskylä	FI
=210	University of Pretoria	ZA	=258	University of Lausanne	CH
=210	Swinburne University of Technology	AU	=258	The University of Arizona	US
=213	University of Southern Denmark (SDU)	DK	=261	Temple University	US
=213	Universidad Nacional Autónoma de México (UNAM)	MX	=261	Universidad de Sevilla	ES
=213	Université Laval	CA	=263	University of Stirling	UK
=213	Northeastern University	US	=263	Universidade Estadual de Campinas (Unicamp)	BR
=213	Aalborg University	DK	=263	University of Oulu	FI
=213	Leibniz University Hannover	DE	=263	Jagiellonian University	PL
=213	Northumbria University at Newcastle	UK	=263	University of Geneva	CH
=213	University of Warsaw	PL	264	The Hong Kong Polytechnic University	HK
=213	Radboud University	NL	=269	Universidad Carlos III de Madrid (UC3M)	ES
=222	Shanghai Jiao Tong University	CN	=269	Tongji University	CN
=222	University of Victoria (UVic)	CA	=269	Ulster University	UK
=222	Hokkaido University	JP	=269	Middle East Technical University	TR
=222	Masaryk University	CZ	=269	Eberhard Karls Universität Tübingen	DE
=222	Universitat de Valencia	ES	=274	Tohoku University	JP
=222	University of Notre Dame	US	=274	Sungkyunkwan University (SKKU)	KR
=222	Vrije Universiteit Amsterdam	NL	=274	Peking University	CN
=229	Rice University	US	=274	Universidad de Chile	CL
=229	University of Turin	IT	=274	Virginia Polytechnic Institute and State University	US
=229	Stockholm University	SE	=274	Indiana University Bloomington	US
=229	Case Western Reserve University	US	=280	Ruhr-Universität Bochum	DE
=233	Hanyang University	KR	=280	University of South Florida	US
=233	American University of Beirut (AUB)	LB	=280	Georgia Institute of Technology	US
=233	University of Oslo	NO	=280	University of Tartu	EE
=233	University of Groningen	NL	=280	Université Paris 1 Panthéon-Sorbonne	FR
=237	University of Dundee	UK	=280	University of Göttingen	DE
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Top 500 - Environmental Impact indicator

Business Education for Change

By Niamh Ollerton

Global climate change is a problem that can no longer be ignored.

Forest fires are becoming more widespread, burning nearly twice as much tree cover today as they did 20 years ago – with global wildfires adding around 5 to 8 billion tonnes of CO₂ each year. Antarctica is losing ice mass at an average rate of about 150 billion tonnes per year, and Greenland is losing about 270 billion tonnes per year, adding to sea level rise. And according to the UNCCD, 1.84 billion people are drought stricken, out of which 4.7 percent are exposed to severe or extreme drought.

These numbers paint a harrowing picture as to the future of our planet if the citizens of the world do not take action. Future leaders of the world therefore need to understand the challenges at hand, to drive governments, organisations and people forward, to evoke the change we need in the world.

And that is why, in 2021, Business Schools for Climate Leadership (BS4CL) was born.

The pioneering research and thought leadership partnership brings together eight European business schools, INSEAD, IE Business School, IMD, London Business School, Oxford Said Business School, HEC Paris, Cambridge Judge Business School and IESE Business School. Together, their shared mission is to generate, disseminate and amplify evidence-based research, actionable insights and thought leadership for corporate executives, students, educators and policymakers who are at the forefront of driving the climate transition.

This year, the second edition of the BS4CL forum was held at INSEAD's Fontainebleau, France, campus, with attendees and panellists taking a deep dive into the topic: 'Who pays for the climate transition? The role of business in driving solutions'.

Lee Newman, Dean of IE Business School in Spain and Francisco Veloso, Dean of INSEAD offered their insights into why the BS4CL partnership is so important, the need for collaboration, knowledge sharing and a sustainable mindset in business education, and the importance of collaboration to amplify the initiative's impact, engage the larger global community, and balance growth with coordination.

But first and foremost, what does BS4CL mean to the business schools? And what are they hoping to achieve through the collaborative initiative?

Newman says: "I think first of all, it's very unique. You have eight schools in Europe coming together to do something in a comprehensive way.

"Each of us are doing many things with teaching and research related to climate and impact, but I think there's a sense of urgency that leads us to collaborate, and then this idea that with collective action, we can accelerate and exponentiate the impact that we have as business schools."

A sentiment Veloso agrees with, adding that the purpose behind BS4CL is to also drive attention and focus to the issue of climate change.

"There are shorter term elements related to how we engage, how we provide better understanding of the issues, that we create a platform for alums and others to contribute to this discussion and to point to solutions and contributions that each of us have.

"There's also another element that we've been quite active in, which is to make sure that the next generation of business school leaders and academics are aware and prepared to then go and teach the next generations.

"That's one of the things that this collective group of schools have. It's not only what we do, but we also contribute to the next generation of faculty members that are going to then go into different business schools to train the next generation of leaders themselves."

Short term, higher education institutions need to ensure sustainability is significantly part of their agenda, and as academics, Veloso notes that the long-term focus needs to be ensuring they can contribute to that agenda in a meaningful way.

A shift in student desire

Newman took on the role as Dean of IE business school two and a half years ago, reaching out to stakeholders, alumni and students upon starting his role to get a feel for the landscape.

"It was incredible to me. Over and over again, the one word I heard was purpose. If it wasn't purpose, it was meaning, and if it wasn't meaning, it was values," he says.

"Not everybody can define a purpose in one clear sentence, but I don't think that takes away from the fact that they're looking for ways to engage with what they do in their studies or professional career.

"There definitely is a psychographic change, I think is really important. It's definitely driving us to rethink many things in teaching in particular. What it's led us to do is really focus on integrating sustainability throughout the curriculums of all of our programmes.

"You can think about sustainability as a hard skill or soft skill, and so we can change the way we teach finance or marketing, for example, to change the way people think about business practices through the lens of sustainability.

"I personally think the soft skills side of it is critical; changing mindsets. I think we need to send out the next generation of business professionals and leaders who have a sense of responsibility built in. That's not something you teach in a theoretical, conceptual way; that has to come directly from immersive situations and experiences that really change their mindsets."

Veloso agrees with Newman, noting that they are seeing more and more students that are very present in their priorities; in the way they see the future and the world. "They want to be in an environment that responds and caters to that."

INSEAD has made significant changes in their curriculum, Veloso notes, most significantly with the MBA, where all the core courses were changed to make sure that they had a sustainability component, as well as changes to the capstone project.

"I think it's important to recognise the shift in the students' mindsets," he says. This is present in the students, as it's present in the population of executives that we work with – but it is important in our role as business schools that we realise that not everybody's there yet."

During a panel discussion, one audience member said 'to succeed, we [as a collective of business schools and alumni] need to get the information we share here out of the door', to disseminate the innovative ideas and initiatives to evoke necessary global change.

But how do Newman and Veloso envisage the sharing of BS4CL knowledge and information to the masses?



Veloso says: “Engaging the alums is an important aspect, because that amplifies what you can do. The alumni community at our schools are super engaged, with leaders everywhere.

“And so, by bringing the schools together, we are signalling to all of our alums that this is important, and it’s important beyond an individual school.

“It sends the signal, as well as provides contact points and ideas and opportunities, as we’ve seen through the conference for them to get more mobilised, to understand what they can do.”

Veloso notes that looking at solutions that work is imperative. “The research and intellectual leadership is important to make sure that when we’re looking at these things, we’re looking at it in a rigorous way; in a way that focuses on solutions that can make a difference to the planet and to the people.

“This is why research and intellectual leadership is an essential part of the language, and then bring that in a way that is amplified and distributed to the community.”

Collaboration is key to evoke change

Both Newman and Veloso drive home the importance of collaboration if we are to achieve climate action goals - especially from the business school perspective.

Veloso notes that collaboration is important as things change so rapidly, and no one really knows what the true solutions are.

Collaboration enables business schools and organisations to learn more about different approaches that could be used in different environments and spaces, but Veloso believes collaboration will be the enabler of what BS4CL is trying to address to create solutions.

"I think we need to focus on what we want. We want people to understand what works and what they can do to make a difference on one hand, on the other hand, to convince those that do not yet understand how close we are to breaking the critical planetary boundaries - that action has to be taken now. It's that balance between those two dimensions that I think is quite important."

Veloso also notes the power of the BS4CL initiative, and that the collaboration between the eight business schools is meaningful, as it signals that business is part of the solution.

"What we're saying here is that business is, and needs to be, absolutely central to climate solutions that we put in place, because we cannot get to the scale and to the impact without that.

"And that's why it's important for us to make that stand, so that this is not seen as an antagonistic perspective, but much more an integrative and collaborative space that we're all to go in the same direction."

Newman echoes Veloso, agreeing that business being part of the solution towards climate change and climate action is vital. "That is part of the founding ideas of BS4CL, but I think it's also starting to be taken up around the world."

However, trust and credibility are two dimensions that create questions in the eyes of global audiences according to the Edelman Trust Barometer.

Newman says: "If we look at private companies, NGOs, governments and the media; the four that people look at, you can imagine where governments come out. People see the government as low in trust and low capability, and an NGO is high in trust but not so high in capability.

"What's interesting is that the increasing consensus you see in surveys is that business is seen as quite high in trust and capability, so I think the message is yes, some businesses are part of the problem, but increasingly it seems that the world is looking to business as a potentially trustworthy partner to have the capacity to push the solutions.

"I think that's where the critical role of business schools comes in. Engineering schools and Science and Technology schools are generating intellectual property that is badly needed to solve problems from a technical standpoint, but as a business school, our focus is for people who are going to manage the business practices and the use of these technologies.

"I think we have the power and the obligation to do what we can to make a difference in how we train the next generation of leaders, and together, we do that a lot better."

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1	ETH Zurich - Swiss Federal Institute of Technology	CH	51	The London School of Economics and Political Science (LSE)	UK
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=453	University of Jyväskylä	FI	=500	Budapest University of Technology and Economics	HU



جامعة عفت

EFFAT UNIVERSITY



ASPIRE TO ACHIEVE



جامعة عفت
EFFAT UNIVERSITY

Pioneering Smart Building Research: Integrating Energy Engineering, and Technology at Effat University

By Dr. Haifa Rada Jamal Al-Lail, President of Effat University

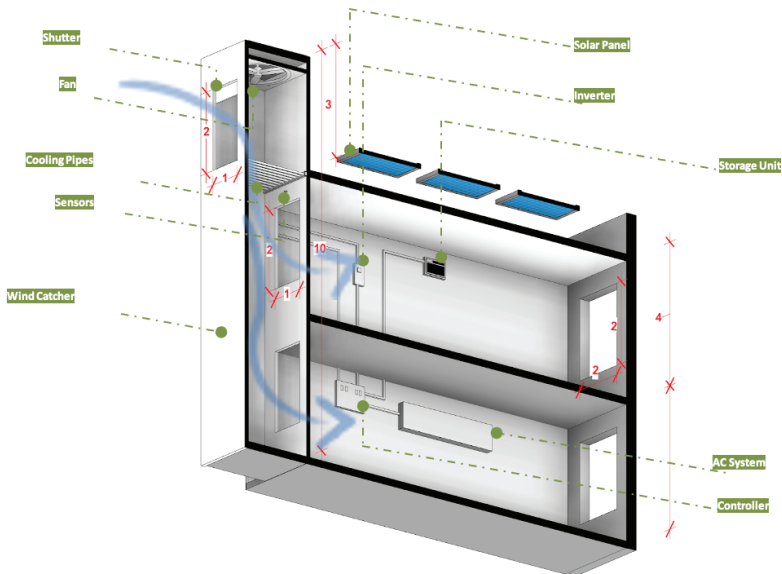
In alignment with Saudi Vision 2030, Effat University is advancing smart building research by integrating energy, engineering, and digital technologies to reimagine sustainable living environments. Through full immersion of digital systems within built environments, Effat University is embracing an interdisciplinary model—one that draws on architecture, engineering, materials science, biometrics, sensors, computational design, digital fabrication, photonics, and robotics.

Led by the collaborative efforts of the Effat Center for Research in Energy, Engineering, and Technology and the Effat Center for Architecture and Design, the university has established four specialized labs: the Biometric and Sensor Systems Lab, the Environmental Building Design Lab, the Environmental Design and Energy Leadership Lab, and the Static Lighting Research Lab.

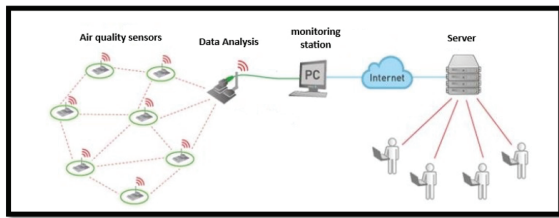
Operating under the Deanship of Graduate Studies and Research (DGSR), these centers embody a vision of knowledge-driven innovation, contributing directly to the development of smart buildings that support the Kingdom's knowledge economy.

At the heart of this research lies a focus on creating livable, efficient, and future-ready environments. Smart buildings developed under this model are designed to reduce energy consumption while enhancing occupant comfort and productivity. By anticipating user needs and adapting to climate conditions, these buildings aim to redefine sustainable urban living.

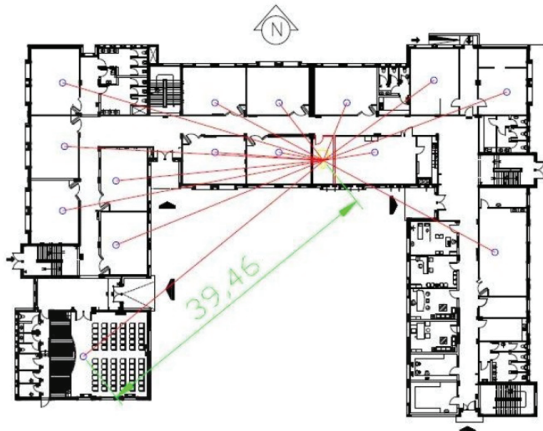
Key research themes include smart construction materials, adaptive building components, multi-functional façades responsive to environmental stimuli, integrated renewable energy systems, sustainable design strategies, and data-driven interface modeling. Smart management systems further ensure service optimization, performance monitoring, and intelligent control. Two of the important examples of such research is the study (2023) by Prof. Mady Mohamed, Dean of DGSR, led a research with an expert team that involves designing a hybrid active/passive cooling system that integrates windcatchers with solar energy components, which was evaluated as being effective in providing natural ventilation and reducing reliance on mechanical cooling in hot areas like Saudi Arabia.



The other study (2020) was done by Dr. Ahmed Abdelrazik, Assistant Professor in the Effat University, Design Program (Interior Design), along with a team of other interdisciplinary scientists, experimented with implementing sustainable design strategies in classrooms which were concluded to be significant in monitoring, evaluating, and enhancing the internal air quality environment, leading to improved student well-being and energy savings.



The suggested air quality system and its distribution inside classrooms



Internationally, Effat University partners with prestigious institutions including Harvard University, the California Institute of Technology (Caltech), Ruhr University Bochum, the University of British Columbia, King Abdullah University of Science and Technology (KAUST), and the University of Toronto. These collaborations target critical research challenges and generate practical solutions with meaningful economic and social impact.

Effat University remains committed to fostering innovative research that transforms environments, empowers communities, and supports Saudi Arabia's sustainable future.

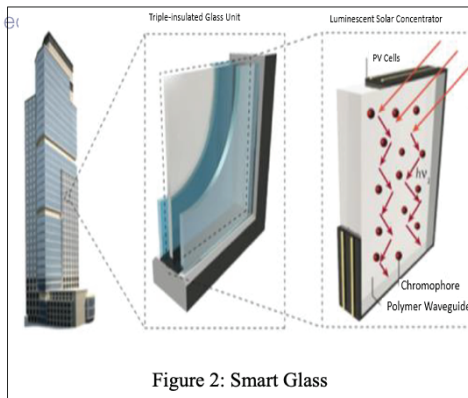


Figure 2: Smart Glass

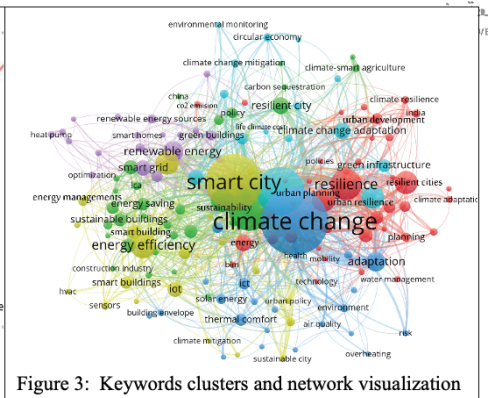


Figure 3: Keywords clusters and network visualization

Top 500 - Governance indicator

Extracurricular Advantage

By Chloë Lane

Most universities and business schools offer some form of extracurricular careers support. This may come in the form of career mentorship, networking opportunities or workshops. For those who use them, these careers services offer many benefits.

Through these services, students often gain valuable insights into their career paths, develop strong professional networks and enhance their employability. These resources can play a crucial role in helping students secure internships, job placements and long-term career success after graduation.

However, these types of extracurricular activities can sometimes inadvertently exacerbate inequality as they may not be equally accessible to all students, leading to disparities when it comes to applying for graduate jobs, placements or internships.

A recent international graduate outcomes survey from QS, in partnership with Universities UK, reveals that just three percent of international students found a job through their university career support services. Most didn't use university career services at all to support their job search.

Less advantaged students may be more likely to work in part time jobs, or have caring responsibilities which make them less likely to participate in these extracurricular career activities. More than half (53 percent) of the students surveyed identified career support and placements as an area their university could improve on.

Institutions are therefore starting to take additional measures to ensure students don't miss out on valuable career support opportunities just because they are unable to utilise them.

Embedding employability into the curriculum

When Manchester Metropolitan University Business School redesigned their curriculum to place a stronger focus on strength-based learning, reducing career inequality was a significant factor in the decision.

Previously, the business school integrated one employability module into the students' first year, with additional careers support offered outside of the curriculum. When reviewing this, the institution found that not only were students overlooking the importance of the module, but less advantaged students, who were more likely to have other commitments outside of studying, were missing out.

"Embedding employability in the curriculum was critical to avoid some students being able to benefit and others not," says Dr Hannah Holmes, Dean of Manchester Metropolitan University Business School.

The strength-based learning approach to employability has been incorporated into all three years of the curriculum, explains Dr Holmes. To do this, the business school partnered with Cappfinity, the global leader in skills-based hiring, to design the new curriculum and enhance students' employability.

Students are now given a questionnaire to fill out, which, once completed, gives them a complex strength profile. Throughout their time at university, students will then work directly with faculty to improve these strengths, as well as the areas where they are weaker.

This, Dr Holmes believes, has significantly contributed to the business school's improved graduate outcomes. The number of students securing industrial placements at Manchester Metropolitan University Business School has increased year on year, as has the quality of the placements, with many going on to secure experience with Times Top 100 Graduate Employers.

The Rotterdam School of Management, Erasmus University (RSM) has also taken this approach.

"We recognise the diverse backgrounds and needs of our students, which is why we integrate career-focused experiences into the curriculum for certain programmes," says Satya Autur, Employer Relations Manager at RSM.

RSM's "Your Future Career" course, for example, is a key component of the school's master's programmes. This course helps students identify their career aspirations, develop essential skills, engage in peer feedback, and build a professional network to thrive in the job market.

Similarly, the school's 'International Consultancy Projects' allow students to work in teams of 4-6 on real company assignments, bridging theory with practical experience. "We are actively moving towards a model where more courses blend theoretical learning with practical application, including consultancy projects and real-world business case challenges," remarks Autur.

Support for partners and families

For some schools, extending support to students' families has been an effective way to ensure students don't miss out on valuable extracurricular opportunities. INSEAD Business School in France has designed a comprehensive partner programme that ensures students' accompanying families have access to a network and community of their own.

Partners are offered language classes, networking opportunities, activities for children and more, explains Katja Boytler, Global Director of Student Life at INSEAD. This support allows their studying partners to focus on their academics and their job search.

"Personalised support is essential at INSEAD," states Boytler. This personal approach is reflected in the extensive individual career coaching programme at the Career Development Centre. Alumni can also access two hours of career coaching for free, every year.

If they become ill while studying, INSEAD has subscribed to global medical insurance that students can access. A dedicated team member will engage closely with them to ensure they have what they need. They will also have access to a free psychological services team. If students are then unable to pursue their studies, INSEAD can make arrangements for them to integrate future classes once they are ready to return to their studies.

Providing accessible remote career resources

Involvement in extracurricular activities is one thing that impacts employability, but other factors, such as work experience, academic achievements and specialisms in their studies, are just as influential, explains Tanja Makkonen, Senior Manager of the Career Services at Aalto University School of Business.

"Our role is to inform students about the different things that affect their employability," she says.

To ensure no student misses out on career support, Aalto University School of Business offers remote career services– enabling students to access them 24/7 from

anywhere in the world. These services include online webinars and personal career coaching via Teams, as well as training webinars and job search guides.

By providing a range of services that can be accessed remotely and at any time, Aalto hopes to level the playing field for all students, ensuring that those with time constraints or other commitments are not disadvantaged.

The Suliman S Olayan School of Business (OSB) at the American University of Beirut is taking measures to ensure all students have access to career development resources, regardless of time constraints, reveals David Matta, Career Management Services Director at OSB.

OSB has implemented flexible scheduling options for career services, including walk-in sessions that are available on designated days, and appointment-based sessions that can be conducted either face-to-face or online.

“To address potential disparities, OSB has introduced initiatives that integrate career development into the academic curriculum, ensuring that all students are encouraged to engage in some form of extra-curricular involvement, even if minimal,” reveals Matta.

All undergraduate students are required to complete a workshop consisting of five sessions: psychometric testing, understanding the job market, preparing their profiles, learning about interview techniques and a session focused on networking and searching for opportunities. An optional course then delves deeper into topics such as promotions, career transitions, and entrepreneurship.

OSB has also introduced a Career Mentorship Program that pairs students with industry professionals, offering tailored guidance and networking opportunities aligned with their career goals. The school hosts inclusive events and workshops designed to accommodate diverse schedules and backgrounds, ensuring that every student has the opportunity to develop the necessary skills and connections.

For students who are unable to attend modules in person, the Career Development Office has developed online modules focusing on essential careers skill development, such as resume writing and interview techniques, accessible to students at any time.

“We have observed that students who participate in extra-curricular activities, including competitions and special programs, often experience better outcomes in internships and job placements,” Matta adds.

To support this, OSB has partnered with numerous national and global competitions in areas such as consulting, marketing, supply chain, and finance. These activities not only enhance students’ hard skills in these subjects but also help them develop essential soft skills and build networks that are highly valued by employers.

A challenge for higher education institutions

The issue of inequality in extracurricular careers support poses a challenge for business schools in ensuring all students have equal access to opportunities.

Business schools are addressing these disparities in different ways – from integrating careers modules into the curriculum, to providing support for the students’ families. There is no right way, or wrong way to do this.

By offering more inclusive and accessible support, higher education institutions can help all students, regardless of their background or circumstances, to achieve their career aspirations.

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1	University of York	UK	52	The University of Melbourne	AU
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=137	University of Pisa	IT	=186	ISCTE - Instituto Universitário de Lisboa	PT
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=139	Ewha Womans University	KR	=190	Konkuk University	KR
=141	University of Guelph	CA	=190	Inha University	KR
=141	Florida International University	US	=190	Kaohsiung Medical University	TW
143	Leibniz University Hannover	DE	=190	Dankook University	KR
144	Universidad Peruana Cayetano Heredia (UPCH)	PE	195	Budapest University of Technology and Economics	HU
145	De Montfort University	UK	=196	Technical University of Darmstadt	DE
146	Leeds Beckett University	UK	=196	KAIST - Korea Advanced Institute of Science & Technology	KR
147	Universidade de Vigo	ES	=196	La Trobe University	AU
148	Universidade Federal do Rio de Janeiro	BR	=196	Southern Cross University	AU
149	University of Szeged	HU	=196	University of Jyväskylä	FI
=150	Korea University	KR	=196	Wayne State University	US
=150	North Carolina State University	US	=196	Sogang University	KR
=150	Universitat Politècnica de València	ES			

=203	Technical University of Munich	DE	=253	University of Antwerp	BE
=204	Jeonbuk National University	KR	=253	Brno University of Technology	CZ
=204	Vietnam National University, Hanoi	VN	=253	Texas Tech University	US
=204	Universitas Hasanuddin	ID	=253	Universidad de Valladolid	ES
=204	Rutgers University–Newark	US	=257	University of Hull	UK
=208	Delft University of Technology	NL	=257	University of Lisbon	PT
=208	Universidade de São Paulo	BR	=257	Southern University of Science and Technology	CN
=208	Universitas Pendidikan Indonesia	ID	=257	Wrocław University of Environmental and Life Sciences	PL
=211	University of Southern California	US	=257	Universitat Jaume I	ES
=211	Kyungpook National University	KR	=257	Plekhanov Russian University of Economics	RU
=211	University of Alicante	ES	=263	Universidad de Alcalá	ES
=211	Chonnam National University	KR	=263	Gdańsk University of Technology	PL
=215	Curtin University	AU	=263	Kuwait University	KW
=215	University of Bucharest	RO	=263	Gazi Üniversitesi	TR
=215	Universitat Rovira i Virgili	ES	=263	Mendel University in Brno	CZ
=218	University of Coimbra	PT	=268	McGill University	CA
=218	National Taiwan Normal University	TW	=268	University of Canterbury Te Whare Wānanga o Waitaha	NZ
=218	Pohang University of Science And Technology (POSTECH)	KR	=268	University of North Carolina, Chapel Hill	US
=218	University of Delhi	IN	=268	King Faisal University	SA
=218	Universität Potsdam	DE	=268	Walailak University	TH
=218	University of Haifa	IL	=273	University of Eastern Finland	FI
=218	University of Calabria	IT	=273	University of Zagreb	HR
=218	Alexandru Ioan Cuza University	RO	=275	Universidad de Oviedo	ES
=226	Heriot-Watt University	UK	=275	Czech Technical University in Prague	CZ
=226	Umea University	SE	277	American University	US
=226	Istanbul Technical University	TR	278	Lappeenranta-Lahti University of Technology LUT	FI
=226	Ural Federal University - UrFU	RU	=279	Gwangju Institute of Science and Technology (GIST)	KR
=226	Universitat Internacional de Catalunya (UIC)	ES	=279	Universidade Federal do Mato Grosso do Sul	BR
=231	Ghent University	BE	=281	Universitat de Valencia	ES
=231	Sultan Qaboos University	OM	=281	Universidad de Sevilla	ES
=231	Al-Farabi Kazakh National University	KZ	=283	Université catholique de Louvain (UCLouvain)	BE
=231	University of Minho	PT	=283	Università Commerciale Luigi Bocconi (Bocconi University)	IT
=231	University of Murcia	ES	=283	Duy Tan University	VN
=236	University of Brescia	IT	=286	University of Porto	PT
=236	Kazan (Volga region) Federal University	RU	=286	National Taiwan Ocean University	TW
=238	University of Galway	IE	=286	Lviv Polytechnic National University	UA
=238	Thammasat University	TH	=286	Kalinga Institute of Industrial Technology (KIIT)	IN
=240	University of Windsor	CA	=286	USI - Università della Svizzera italiana	CH
=240	Daegu Gyeongbuk Institute of Science and Technology (DGIST)	KR	=291	Pukyong National University	KR
242	The Australian National University	AU	=291	Swinburne University of Technology	AU
=243	University of Southern Denmark (SDU)	DK	=293	University at Buffalo SUNY	US
=243	Hacettepe University	TR	=293	Universitat de Lleida	ES
=243	Universidad de Santiago de Chile (USACH)	CL	=293	Bilkent University	TR
=246	University of South Australia	AU	=296	Dalhousie University	CA
=246	Johannes Kepler University Linz	AT	=296	University of Southern Queensland	AU
=246	The Catholic University of Korea	KR	=296	V. N. Karazin Kharkiv National University	UA
=249	Johns Hopkins University	US	=296	Hallym University	KR
=249	Stony Brook University, State University of New York	US	300	Technological University Dublin	IE
=249	Institut Teknologi Sepuluh Nopember (ITS Surabaya)	ID	=301	Jeju National University	KR
=249	Chang Gung University	TW	=301	Glasgow Caledonian University	UK
			=303	Tongji University	CN

=303	Université de Fribourg	CH	=354	Vrije Universiteit Brussel (VUB)	BE
=303	Toronto Metropolitan University	CA	=354	The University of Texas at Arlington	US
=303	Altai State University	RU	=354	University of South Bohemia	CZ
=303	Indian Institute of Technology BHU Varanasi (IIT BHU Varanasi)	IN	=354	Széchenyi István University	HU
=308	Universidade Federal de Santa Catarina	BR	358	Assiut University	EG
=308	Seoul National University of Science and Technology	KR	=359	Maastricht University	NL
=310	Sorbonne University	FR	=359	National Institute of Technology Rourkela	IN
=310	Universidade Federal de Lavras	BR	=359	Siberian Federal University, SibFU	RU
=310	Universitas Negeri Semarang	ID	=359	The National University of Science and Technology MISIS	RU
=310	Sofia University "St. Kliment Ohridski"	BG	=363	Padang State University	ID
314	L.N. Gumilyov Eurasian National University (ENU)	KZ	=363	O.P. Jindal Global University	IN
=315	Czech University of Life Sciences in Prague	CZ	=365	Ritsumeikan University	JP
=315	University of Regina	CA	=365	Instituto Politécnico Nacional (IPN)	MX
=315	Universidad de León	ES	=367	Indian Institute of Technology Madras (IITM)	IN
=315	HUFS - Hankuk (Korea) University of Foreign Studies	KR	=367	Yildiz Technical University	TR
=319	Ca' Foscari University of Venice	IT	=367	National Chengchi University	TW
=319	Lincoln University	NZ	=370	The Chinese University of Hong Kong (CUHK)	HK
=319	Bialystok University of Technology	PL	=370	Ozyegin University	TR
=322	EPFL	CH	=370	Sookmyung Women's University	KR
=322	Anna University	IN	=373	Université de Liège	BE
=322	Universidad de Chile	CL	=373	IMT Atlantique	FR
=325	Institut Polytechnique de Paris	FR	=373	University of Lincoln	UK
=325	Universidad Autónoma de Madrid	ES	=376	Università degli Studi di Pavia	IT
=325	Pontificia Universidad Católica del Perú	PE	=376	Feng Chia University	TW
=325	University of Pecs	HU	=376	Aston University	UK
329	Universitat Autònoma de Barcelona	ES	=376	Sejong University	KR
330	University of Gothenburg	SE	=380	Albert-Ludwigs-Universitaet Freiburg	DE
=331	Norwegian University of Science And Technology	NO	=380	Politecnico di Torino	IT
=331	Universitas Indonesia	ID	=382	Eindhoven University of Technology	NL
=331	National Yunlin University of Science and Technology	TW	=382	Chitkara University	IN
=334	Central European University	AT	384	Ivan Franko National University of Lviv	UA
=334	Verona University	IT	=385	Universidade Federal de São Paulo	BR
336	Kookmin University	KR	=385	London School of Hygiene & Tropical Medicine	UK
=337	Washington State University	US	=385	University of Economics Ho Chi Minh City	VN
=337	University of Salamanca	ES	=388	Indian Institute of Technology Kharagpur (IIT-KGP)	IN
=337	Chungbuk National University	KR	=388	Goethe-University Frankfurt am Main	DE
=340	Cranfield University	UK	=388	University of Messina (UniME)	IT
=340	Lobachevsky University	RU	=388	Chung Yuan Christian University	TW
=342	Universidad de los Andes	CO	=392	Universiti Kebangsaan Malaysia (UKM)	MY
=342	University of New Brunswick	CA	=392	Vilnius University	LT
=342	Wilfrid Laurier University	CA	=392	Satbayev University	KZ
=342	Universitas Sebelas Maret	ID	=395	Babes-Bolyai University	RO
=347	The University of Lahore	PK	=395	Abai Kazakh National Pedagogical University	KZ
=347	Universidade Estadual de Maringá	BR	=397	University of California, Santa Cruz	US
349	Sumy State University	UA	=397	Tamkang University	TW
=350	American University of Beirut (AUB)	LB	=397	National Technical University "Kharkiv Polytechnic Institute"	UA
=350	Ulster University	UK	=400	Tufts University	US
=350	Soonchunhyang University	KR	=400	Tashkent State Transport University	UZ
=350	Yogyakarta State University	ID	=402	Westfälische Wilhelms-Universität Münster	DE

=402	Charles Sturt University	AU	=451	Universidade Federal Fluminense	BR
=402	University of Tartu	EE	=451	Universiti Tun Hussein Onn University of Malaysia (UTHM)	MY
=402	National University of Uzbekistan	UZ	=451	Karaganda State Technical University	KZ
=402	University of Rijeka	HR	455	Lebanese American University	LB
=407	Kyoto University	JP	=456	Universität Innsbruck	AT
=407	University of Colombo	LK	=456	National Dong Hwa University	TW
=407	University of Maribor	SI	=456	Universidad Nacional de la Asunción	PY
=410	Mykolas Romeris University	LT	=459	Friedrich-Alexander-Universität Erlangen-Nürnberg	DE
=410	Université Paris 1 Panthéon-Sorbonne	FR	=459	University of Split	HR
=410	Kazakh National Agrarian Research University (KazNARU)	KZ	460	The Hong Kong University of Science and Technology	HK
=413	Universiti Putra Malaysia (UPM)	MY	=462	Tashkent State Technical University	UZ
=413	Saken Seifullin Kazakh Agrotechnical University	KZ	=462	National Technical University of Ukraine "Igor Sikorsky Kyiv Polytechnic Institute"	UA
415	Baku State University	AZ	=462	National Changhua University of Education	TW
=416	Waseda University	JP	=465	Hong Kong Baptist University	HK
=416	Nagoya University	JP	=465	University of Aveiro	PT
=416	Azerbaijan State Oil and Industry University	AZ	=465	Universiti Utara Malaysia (UUM)	MY
=416	Shakarim University of the City of Semey, Kazakhstan	KZ	=465	Australian Catholic University	AU
=420	RWTH Aachen University	DE	469	Ankara Üniversitesi	TR
=420	Aberystwyth University	UK	470	National Tsing Hua University	TW
=420	Central Queensland University (CQUniversity Australia)	AU	471	Universidade Federal de Itajubá	BR
=423	Osaka University	JP	=472	Chungnam National University	KR
=423	London South Bank University	UK	=472	University of St.Gallen (HSG)	CH
=423	UCAM Universidad Católica San Antonio de Murcia	ES	=472	Université de Tunis El Manar	TN
=426	Tokyo Institute of Technology (Tokyo Tech)	JP	=472	National Chin-Yi University of Technology	TW
=426	National Kaohsiung University of Science and Technology	TW	=476	New Jersey Institute of Technology (NJIT)	US
=426	Koç University	TR	=476	American University of the Middle East	KW
=426	Auezov South Kazakhstan University (SKU)	KZ	=476	I-Shou University (ISU)	TW
=426	University of Petra	JO	=479	University of Oulu	FI
=431	Hokkaido University	JP	=479	University of the Philippines	PH
=431	Universiti Sains Malaysia (USM)	MY	=479	National Taiwan University of Science and Technology (Taiwan Tech)	TW
=431	Tashkent Institute of Irrigation and Agricultural Mechanization Engineers - National Research University (TIAME-NRU)	UZ	=482	Sathyabama Institute of Science and Technology (deemed to be university)	IN
=431	Narxoz University	KZ	=482	Dongguk University	KR
=435	University of South Carolina	US	=482	Fu Jen Catholic University	TW
=435	Universidad Rey Juan Carlos	ES	=485	Universidad Europea de Madrid	ES
=435	VSB - Technical University of Ostrava	CZ	=485	University of Wrocław	PL
=435	D. Serikbayev East Kazakhstan Technical University	KZ	=485	Universiti Pendidikan Sultan Idris (UPSI)	MY
=435	Korkyt Ata Kyzylorda University	KZ	488	Dokuz Eylül Üniversitesi	TR
=440	Universiti Malaya (UM)	MY	=489	KIT, Karlsruhe Institute of Technology	DE
=440	Universidad Politécnica de Madrid (UPM)	ES	=489	Universiti Malaysia Pahang Al - Sultan Abdullah (UMPASA)	MY
=440	Chinese Culture University	TW	=491	University of Maryland, Baltimore County	US
=440	Tashkent State University of Economics	UZ	=491	University of Genoa	IT
=444	University of Strathclyde	UK	493	National Ilan University	TW
=444	Universidad Nacional de Cuyo	AR	494	King Saud University	SA
=444	Yuan Ze University	TW	=495	University of Colorado Boulder	US
=444	Kharkiv National University of Radio Electronics	UA	=495	Northeastern University	US
=444	University of Taipei	TW	=495	Khon Kaen University	TH
=449	Washington University in St. Louis	US	=495	Universitas Sumatera Utara	ID
=449	University of Leicester	UK	499	SOAS University of London	UK
=451	Temple University	US	500	University of Milan	IT

Regional Rankings

	Asia	124
Will Japan's Merging Universities Emerge Triumphant?		125
India's Academic Ascent		127
Ranks		132
	Europe	142
Editorial - AI-Powered Research		143
Ranks		147
	Latin America	154
Ranks		155
	Arab	160
A Region in Motion		161
Ranks		165
	Best Student Cities	168
The Happiness Index		169
Ranks		172

Asia

Will Japan's Merging Universities Emerge Triumphant?

By Rohan Mehra

It's hard to find an article about social or economic matters in Japan that doesn't draw attention to its now infamous aging population. And this one is no different. The country's declining birthrate reduces domestic enrolment in universities, so the tertiary education sector must innovate in order to remain competitive, with mergers being one option.

According to Yushi Inaba, an Associate Professor of Management at the International Christian University, the proportion of the population at enrolment age halved over the last quarter century. In a 2020 paper, Inaba puts mergers as one of five key 'survival strategies' common to Japanese universities and, of around 30 that took place between 2002 and 2013, identified downsizing, expansion, and restructuring and diversification as the three main strategic goals behind them.

Downsizing can be seen as a cost saving measure from the perspective of the university or its governing body. Just a few years ago, two public universities in Osaka merged at the request of their respective governing authorities. Osaka Prefecture University (OPU), owned by the prefectural government, and Osaka City University (OCU), owned by the City of Osaka, became Osaka Metropolitan University (OMU).

"The main reason was cost reduction, by means of reducing administrative and capital overheads, and areas of overlap. Around 10 years ago, the Japan Innovation Party running both the city and prefecture thought they didn't need two separate universities, so chose to merge them," says Professor Masahide Takahashi, Vice Dean of the School of Engineering and advisor to the president.

"At first, both universities rejected the idea, each is very independent and has their own unique culture and history, but we had no choice. So as discussions began, we had to find advantages to the situation, and officially merged three years ago."

Thanks to the merger, OMU is now the biggest public university in Japan, and third biggest among the national and public universities. This increase in size was one of the selling points the committee in charge used to appease some of the stronger dissenting voices amongst the faculty. As OPU and OCU specialised differently, OPU on agriculture and veterinary sciences and OCU on medicine, natural sciences and humanities, some areas merged with relative ease. However, both universities had strong engineering faculties with large facilities across Osaka, but the merger demanded unity.

"Merging these faculties was difficult as there is huge overlap of expertise within them. With the Engineering School we initially proposed to keep multiple campuses, but after a long discussion we settled on one in the South of Osaka. There were similar issues with some student clubs, some merged easily and willingly, others, some with proud traditions and vocal advocates, did not," says Professor Takahashi.

"Though overall, things are looking up for OMU. Our combined size and broader connections throughout the prefecture and city expanded our reach to sections of government, private enterprises, and research institutions previously inaccessible to one or both institutions."

Director-General of University Administration at OMU Komaki Ishii is also cautiously optimistic about the merger's impacts. "Although the name changed, OMU has inherit-

ed the popularity of OCU and OPU. For two consecutive years since opening, OMU had the largest number of applicants of any public university, including the nationals," she says. "I hope OMU will grow in reputation domestically and overseas. The merger allowed us to broaden our horizons and prioritise internationalisation more than before."

As for cases of expansion, at the time of writing, two universities in Tokyo are officially opening their doors as a new university. Tokyo Institute of Technology (Tokyo Tech) and Tokyo Medical and Dental University (TMDU) are becoming the Institute of Science Tokyo (Science Tokyo). Unlike in the Osaka case, Tokyo Tech and TMDU elected for this merger themselves.

"We had several motivations for doing this," says Professor Naoto Ohtake, who will be the first President of Science Tokyo. "Combining our strengths and increasing our size gains us leverage and increases our likelihood we'll obtain some of the Government's ten trillion-yen endowment, which could revolutionise the whole academic sector.

"And our key academic reason being, we want to tackle some of the bigger issues facing humanity, the COVID-19 pandemic was a wake-up call and demonstrates the need for more joined up thinking, and of course there are environmental issues to address with aims like Net Zero. So, we see the merger as building a bridge between our respective specialities to achieve this."

Assistant Professor Mai Katakura, a medical researcher from TMDU has already seen gains from this idea. "Our department initiated several joint projects with Tokyo Tech researchers. This is very rewarding for us as it broadens the scope of what our research can achieve," she says. "It came about from a 'matching forum' which was part of the merging process. I'd previously hoped to connect my biomedical research with engineers but lacked the kind of access I needed until now."

Situations like that could help the new university appeal to talented researchers, improving its reputation, as could the potential boost to publications, if evidence from Chinese and Nordic universities is anything to go by. In a 2018 paper, Liu et al. found '[mergers] between a comprehensive university and a medical school resulted in significantly improved performance in terms of scholarly publications.' The game is publish or perish after all. But those things take time, and action must be taken in the short term too.

"Some researchers worried their fields may be de-prioritised by the merger, but we're expanding not downsizing, and plan to create three new research institutes which focus on curiosity, the future, and industrial cooperation respectively," says Professor Ohtake. "These will lead to new positions we hope attract international and domestic talent and improve our diversity. We've appointed two specialists to focus on diversity and inclusion. Also, when I've met with high school groups here in Japan, it's been reassuring how many young people seem enthusiastic about studying emerging fields at the conjunction of science, engineering, and medicine."

These two, and many other merged universities, have and are using their combined strength to improve enrolment, recruitment, and reputation. However, in spite of this, Japan's weakening economy adds another hurdle to the course. While groups of universities can help each other stay afloat for now through mergers and other 'survival strategies', those curious about the long-term future of Japan's higher education sector ought to keep their eyes on its economy too.

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India's Academic Ascent

By Gauri Kohli

India's higher education sector has witnessed notable transformation in the last decade. This is reflected in the significant rise of its universities on the QS World University Rankings. The 2025 edition reveals that the number of Indian institutions listed has increased by more than 300 percent, from just 11 in 2015 to 46 in the latest edition.

This progress story places India as the G20 nation with the most remarkable improvement in university representation on the QS Rankings in recent years. Experts suggest that one of the key drivers behind this success is India's National Education Policy (NEP), which aims to revise and revamp all aspects of the education structure, including its regulation and governance, to create a new system that is aligned to address challenges and utilise potential opportunities.

The NEP: A catalyst for change

Implemented in 2020, the NEP focuses on equality, stressing on improved quality education for all. Moreover, the NEP is aimed at enhancing the quality of education through interdisciplinarity, with greater focus on research, flexible curriculum and innovation in the approaches used in teaching.

Internationalisation is one of the core strategic directions of the policy. It challenges universities to increase the quality of research, international linkages, and faculty development programmes. This focus is well in-line with the criteria used in the QS Rankings and may explain why India has registered such a big improvement.

Experts suggest India's advancement in the global education arena demonstrates the impact of the NEP's focus on inclusivity, quality, and global competitiveness. Ben Sowter, Senior Vice President, QS, says, "This policy has been instrumental in driving progress, setting an example for other countries seeking to enhance their educational systems and global recognition."

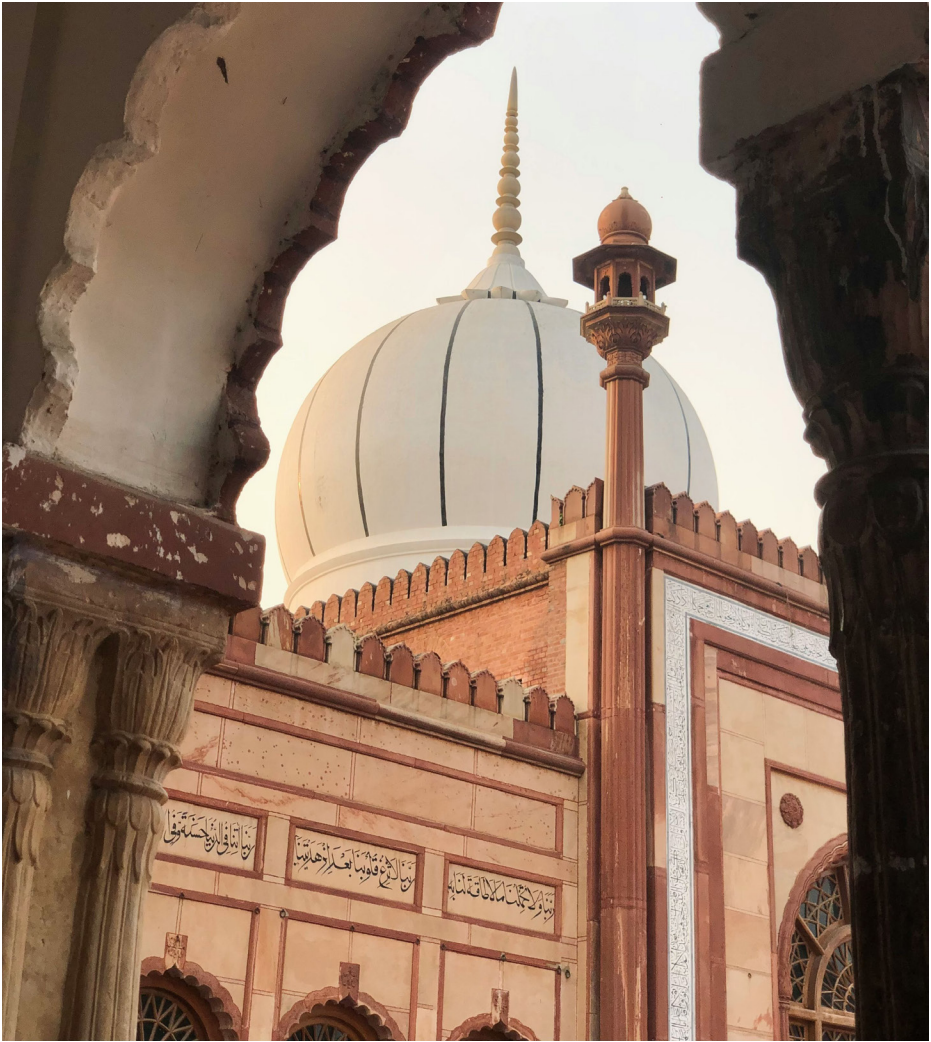
A deeper look at the QS rankings

The QS World University Rankings use a comprehensive approach that takes into account far more than research performance. Another important factor is employability, which reveals the extent to which graduates manage to find employment and accomplish their career goals, besides other factors used to assess a university's performance.

To compile the 2025 edition, QS analysts studied a huge dataset, including 17 million research papers, data from more than 5,600 institutions worldwide and 176 million citations. Additionally, insights from a collective pool of 175,798 academics and 105,476 employers were included.

Indian institutions shine in research output

Leading the charge in India's university ascent are the Indian Institutes of Technology (IITs). IIT Bombay climbed 31 spots to reach 118th place globally. Similarly, IIT Delhi leapt 47 positions, landing at 150th globally. This cements the IITs' position as world-class institutions and showcases India's growing strength in research and development.



The country's ascent extends beyond the QS World University Rankings. The QS Asia Rankings offer a further confirmation of the country's progress. With a record-breaking 148 universities featured in the 2025 edition, India surpasses both China (133 universities) and Japan (96 universities) in regional representation. This dominance reflects India's growing influence in academic research across the continent. Notably, as many as 13 Indian universities now rank among the top 200 globally for research output. This includes institutions like Anna University and the Indian Institute of Science, which are consistently recognised for their research contributions.

According to Dr Pankaj Mittal, Secretary General, Association of Indian Universities, an organisation of major universities in India, "India's exceptional growth in the QS World University Rankings stands as a testament to its unwavering dedication to

higher education excellence. The remarkable achievement from 11 universities in 2015 to 46 in 2025 edition highlights the country's commitment to excellence in academics and research. Indian universities are now paying more attention to research both in quality and quantity."

The Institutes of Eminence have been leading the country's research achievements. Six of India's 10 most productive research institutions are public Institutes of Eminence, a scheme launched in 2017 to enhance the capabilities of Indian universities. "These 11 public and private institutes have collectively produced 150,000 academic papers, gathered 1.4 million citations, and achieved an average research growth rate of 35% since 2017," says Sowter.

India has become one of the world's fastest-growing research hubs, with a 58 percent increase in research output between 2018 and 2023, more than double the global average. "Although China has outpaced India by about 10 percent over this period, more recent data from 2020 to 2023 shows China's growth only 2 percent ahead, indicating a narrowing gap. In 2023, India surpassed the UK to become the world's third most prolific producer of academic research. However, challenges remain in generating high-impact research, with India ranking seventh in citations generated between 2018 and 2023," adds Sowter.

This also means that Indian universities are benchmarking themselves against the best in the world. Dr Vidya Yeravdekar, Chairperson of the FICCI Committee on Higher Education, which comprises university, industry and government representatives, says, "Due to this, they are working hard to ensure quality, internationalisation, and have improved their research output. Most Indian institutions now are geared towards publishing high-quality papers by encouraging faculty participation in research projects."

Beyond research: The challenge of internationalisation

While India has made significant strides in research output, a key area for further development remains internationalisation. Most Indian universities have successfully enhanced their academic and employer reputations; however, they still lag behind in attracting international faculty and students. This is evident in the QS rankings, where India scores considerably lower than the global average on both International Faculty Ratio and International Student Ratio indicators.

Several factors contribute to this challenge such as language barriers and visa rules. The Indian government is actively addressing these challenges. One critical initiative involves allowing foreign universities to establish campuses in India. This move is designed to attract international expertise, create a more globalised learning environment and potentially elevate India's attractiveness as a study destination. Getting foreign faculty to Indian institutions is another step.

"India's performance on the QS Rankings will certainly help Indian institutions create an impact in the international higher education space. More foreign students are likely to join Indian universities. Foreign faculty will get attracted to teach in Indian institutions and also do joint research with Indian faculty. Overall, the perception of Indian institutions offering high-quality affordable programmes will help India to become the education hub of Asia," says Dr Yeravdekar.

The impact of India's performance on Asia as a region will be noteworthy. "It has affected the quality of education in the entire region which is now being looked at as a destination for affordable quality education," says Dr Mittal.

The road ahead: Collaboration or competition?

The future for Indian institutions on the global stage looks promising, with several initiatives designed to boost India's role as both a sender and receiver of students. New regulations now allow foreign universities to establish campuses in India, granting them autonomy over admission processes, fee structures and recruitment policies. "This move is likely to boost access to high-quality education and inspire economic growth," says Sowter.

Australian universities, such as Deakin University and University of Melbourne, are among those establishing campuses and dual degree programmes in India. These partnerships are set to expand educational opportunities for Indian students and promote greater international exchange, collaboration, and innovation.

"These efforts are in line with the broader objectives of the landmark NEP 2020, which aims to substantially increase the number of young people earning vocational or higher education degrees by 2035. This initiative will help India improve educational quality, enhance workforce skills, promote equity, and drive economic growth and social mobility," Sowter adds.

In terms of further progress that will strengthen India not just as a sender of students but also as a host, Dr Yeravdekar says, "India has always been sending a large number of students abroad for higher studies each year. How its universities fare on the QS World Rankings will certainly change the perception of Indian institutions and will help attract foreign students to study in India."

India's rise in global university rankings presents a pivotal moment for Asian education. The question arises: will this lead to a more collaborative or competitive environment? While healthy competition can drive innovation and improvement, fostering collaboration across borders offers immense potential for all Asian nations.

Collaboration can be done through joint research projects, student exchange programmes, and faculty development initiatives.

The role of QS in facilitating collaboration

Several steps such as the recently launched QS Global India Initiative aim to provide more insight into the country's education system. Through the QS Global India Initiative, the organisation will support Indian students to fulfil their goals through educational advancement and mobility.

For global institutions, the initiative provides strategic advice and support for implementing transnational education strategies, including exploring Indian branch campuses and strengthening student recruitment efforts.

Jessica Turner, CEO, QS, says, "India is a country we've had a long and close association with, given the central role that Indian students play in international higher education. We support Indian students to realise their ambitions globally and have counselled around 100,000 India offer-holders on behalf of western universities in 2023. We also brought 137 institutions from across the world to India the same year to meet with 27,000 students across the country at 30 postgraduate and undergraduate events."

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Abdulrahman University

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Values

 Growth

 Awareness

 Pioneering

 Agility



University Statistics

Institutes
and Colleges
18

Academic
Programmes
114

Students
36,901

Faculty
Members
2,085

QS World
University Ranking
681-690

QS Arab
Region Ranking
30

Website



1	Peking University	CN	52	Airlangga University	ID
2	The University of Hong Kong	HK	=53	Gadjah Mada University	ID
3	National University of Singapore (NUS)	SG	=53	Universiti Teknologi PETRONAS (UTP)	MY
4	Nanyang Technological University, Singapore (NTU)	SG	55	Mahidol University	TH
5	Fudan University	CN	56	Indian Institute of Technology Madras (IITM)	IN
6	The Chinese University of Hong Kong (CUHK)	HK	57	Tianjin University	CN
7	Tsinghua University	CN	58	Harbin Institute of Technology	CN
8	Zhejiang University	CN	59	Bandung Institute of Technology (ITB)	ID
9	Yonsei University	KR	60	Indian Institute of Technology Kharagpur (IIT-KGP)	IN
10	City University of Hong Kong	HK	61	Beijing Normal University	CN
11	The Hong Kong University of Science and Technology	HK	62	Indian Institute of Science	IN
12	Universiti Malaya (UM)	MY	63	University of Tsukuba	JP
13	Korea University	KR	64	Beijing Institute of Technology	CN
14	Shanghai Jiao Tong University	CN	65	L.N. Gumilyov Eurasian National University (ENU)	KZ
15	KAIST - Korea Advanced Institute of Science & Technology	KR	66	National Taiwan University of Science and Technology (Taiwan Tech)	TW
16	Sungkyunkwan University (SKKU)	KR	=67	Indian Institute of Technology Kanpur (IITK)	IN
17	The Hong Kong Polytechnic University	HK	=67	National University of Sciences And Technology (NUST) Islamabad	PK
18	Seoul National University	KR	69	Huazhong University of Science and Technology	CN
19	Hanyang University	KR	70	Ewha Womans University	KR
20	Universiti Putra Malaysia (UPM)	MY	71	Hong Kong Baptist University	HK
21	The University of Tokyo	JP	72	Xi'an Jiaotong University	CN
22	Pohang University of Science And Technology	KR	73	Chung-Ang University (CAU)	KR
23	Kyoto University	JP	74	Sunway University	MY
24	Nanjing University	CN	75	Shandong University	CN
25	Tohoku University	JP	=76	Kobe University	JP
=26	National Taiwan University (NTU)	TW	=76	Xiamen University	CN
=26	Universiti Kebangsaan Malaysia (UKM)	MY	78	Universiti Brunei Darussalam (UBD)	BN
28	Universiti Teknologi Malaysia	MY	=79	National Taiwan Normal University	TW
29	Al-Farabi Kazakh National University	KZ	=79	Universiti Utara Malaysia (UUM)	MY
30	Tokyo Institute of Technology (Tokyo Tech)	JP	=81	Pusan National University	KR
31	University of Science and Technology of China	CN	=81	University of Delhi	IN
=32	Nagoya University	JP	83	National Sun Yat-sen University	TW
=32	Osaka University	JP	=84	Quaid-i-Azam University	PK
34	Kyushu University	JP	=84	Shanghai University	CN
35	Hokkaido University	JP	86	University of the Philippines	PH
36	Taylor's University	MY	87	University of Tehran	IR
37	Universiti Sains Malaysia (USM)	MY	88	Ulsan National Institute of Science and Technology (UNIST)	KR
38	Wuhan University	CN	89	Satbayev University	KZ
39	National Tsing Hua University	TW	90	Jilin University	CN
40	Kyung Hee University	KR	91	National Taipei University of Technology	TW
41	National Cheng Kung University (NCKU)	TW	=92	IPB University (a.k.a. Bogor Agricultural University)	ID
42	National Yang Ming Chiao Tung University	TW	=92	Sogang University	KR
43	Tongji University	CN	94	Sichuan University	CN
44	Indian Institute of Technology Delhi (IITD)	IN	95	Daegu Gyeongbuk Institute of Science and Technology	KR
45	UCSI University	MY	96	Hiroshima University	JP
46	Universitas Indonesia	ID	97	Sharif University of Technology	IR
47	Chulalongkorn University	TH	98	Nankai University	CN
=48	Indian Institute of Technology Bombay (IITB)	IN	99	University of Macau	MO
=48	Keio University	JP	100	Sejong University	KR
=48	Sun Yat-sen University	CN	=101	Kyungpook National University	KR
51	Waseda University	JP			

=101	Universiti Teknologi MARA - UiTM	MY	=153	Singapore University of Technology and Design	SG
103	Renmin (People's) University of China	CN	=153	University of Science and Technology Beijing	CN
104	Indian Institute of Technology Guwahati (IITG)	IN	=155	Kasetsart University	TH
105	Gwangju Institute of Science and Technology (GIST)	KR	=155	North South University	BD
106	University of Chinese Academy of Sciences	CN	=155	Shenzhen University	CN
107	Southern University of Science and Technology	CN	158	Bangladesh University of Engineering and Technology	BD
=108	Chiang Mai University	TH		Tashkent Institute of Irrigation and Agricultural Mechanization Engineers - National Research University (TIAME-NRU)	UZ
=108	Indian Institute of Technology Roorkee (IITR)	IN	=159	Universiti Malaysia Pahang	MY
110	Jawaharlal Nehru University	IN	161	Vietnam National University, Hanoi	VN
111	East China Normal University	CN	162	Hunan University	CN
=112	National Central University	TW	=163	De La Salle University	PH
=112	University of Dhaka	BD	=163	University of Engineering & Technology (UET) Lahore	PK
114	Institut Teknologi Sepuluh Nopember (ITS Surabaya)	ID	165	Universiti Pendidikan Sultan Idris (UPSI)	MY
115	Lahore University of Management Sciences (LUMS)	PK	166	University of Seoul	KR
116	Inha University	KR	167	Karaganda Buketov University	KZ
=118	Dongguk University	KR	=168	Central South University	CN
=118	Jeonbuk National University	KR	=168	Shoolini University of Biotechnology and Management Sciences	IN
=120	Chandigarh University	IN	170	INTI International University	MY
=120	National Chung Hsing University	TW	171	Birla Institute of Technology and Science, Pilani	IN
122	Taipei Medical University (TMU)	TW	172	Universitas Brawijaya	ID
123	National Chengchi University	TW	=173	Northwestern Polytechnical University	CN
=124	Ajou University	KR	=173	Savitribai Phule Pune University	IN
=124	HUFS - Hankuk (Korea) University of Foreign Studies	KR	=175	Chiba University	JP
126	Beihang University (former BUAA)	CN	=175	Tokyo University of Science	JP
127	Duy Tan University	VN	=177	Anna University	IN
128	Thammasat University	TH	=177	Tokyo Medical and Dental University (TMDU)	JP
=129	COMSATS University Islamabad	PK	179	University of Calcutta	IN
=129	Management and Science University	MY	180	Zhengzhou University	CN
=131	Abai Kazakh National Pedagogical University	KZ	181	University of Santo Tomas	PH
=131	Universiti Tunku Abdul Rahman (UTAR)	MY	182	The University of Lahore	PK
133	International Islamic University Malaysia (IIUM)	MY	183	Amity University	IN
=134	Diponegoro University	ID	184	Viet Nam National University Ho Chi Minh City	VN
=134	Southeast University	CN	185	Lincoln University College, Malaysia	MY
=134	Universitas Padjadjaran	ID	186	Khon Kaen University	TH
=134	Universiti Teknologi Brunei	BN	187	Chongqing University	CN
=138	Auezov South Kazakhstan University (SKU)	KZ	188	Jamia Millia Islamia	IN
=138	University of the Punjab	PK	188	Lingnan University, Hong Kong	HK
=140	Konkuk University	KR	189	National Chung Cheng University	TW
=140	Singapore Management University	SG	=190	Asia Pacific University of Technology and Innovation	MY
141	Krirk University	TH	=190	China Agricultural University	CN
142	Ateneo de Manila University	PH	192	Tokyo University of Agriculture and Technology	JP
143	Hitotsubashi University	JP	=193	Chungnam National University	KR
=144	Amirkabir University of Technology	IR	=193	Khoja Akhmet Yassawi International Kazakh-Turkish University	KZ
=144	Ritsumeikan University	JP	=195	Universiti Malaysia Terengganu (UMT)	MY
146	Universiti Tenaga Nasional (UNITEN)	MY	=197	Isfahan University of Technology	IR
147	South China University of Technology	CN	=197	Manipal Academy of Higher Education, Manipal, Karnataka, India	IN
148	University of Petroleum and Energy Studies (UPES)	IN	199	Ton Duc Thang University	VN
149	Kazakh National Agrarian University KazNAU	KZ	=200	Chonnam National University	KR
150	Vellore Institute of Technology (VIT)	IN	=200	Jinan University (China)	CN
151	Iran University of Science and Technology	IR			
=152	China Medical University Taichung	TW			
=152	Dalian University of Technology	CN			

202	University of Agriculture, Faisalabad	PK	253	BRAC University	BD
203	Banaras Hindu University	IN	=254	Indian Institute of Technology Indore (IIT Indore)	IN
204	Bina Nusantara University (BINUS)	ID	=254	Kumamoto University	JP
205	University of Peshawar	PK	=254	Yokohama National University	JP
206	Prince of Songkla University	TH	=257	Kalinga Institute of Industrial Technology (KIIT)	IN
=207	Multimedia University (MMU)	MY	=257	Yeungnam University	KR
=207	Osaka Metropolitan University	JP	259	Northwest Agriculture and Forestry University	CN
209	Shiraz University	IR	=260	American University of Central Asia	KG
210	Kanazawa University	JP	=260	Osh State University	KG
211	Jadavpur University	IN	=261	China University of Mining and Technology	CN
=212	Sophia University	JP	=261	Thapar Institute of Engineering & Technology	IN
=212	The Education University of Hong Kong	HK	=261	Tunghai University	TW
214	Lanzhou University	CN	264	Karaganda State Technical University	KZ
215	East China University of Science and Technology	CN	265	The Catholic University of Korea	KR
216	Symbiosis International (Deemed University)	IN	266	Saveetha Institute of Medical and Technical Sciences (deemed to be university)	IN
217	University of Electronic Science and Technology of China	CN	=267	China University of Political Science and Law	CN
=218	Ferdowsi University of Mashhad	IR	=267	University of Karachi	PK
=218	Jiangsu University	CN	=269	NJSC KIMEP University	KZ
220	Soochow University	CN	=269	Panjab University	IN
=221	Bharathiar University, Coimbatore	IN	=271	O.P. Jindal Global University	IN
=221	SRM INSTITUTE OF SCIENCE AND TECHNOLOGY	IN	=271	Yangzhou University	CN
=221	Universitas Sebelas Maret	ID	=273	Indian Institute of Technology (BHU) Varanasi	IN
224	King Mongkut's University of Technology Thonburi	TH	=273	Sookmyung Women's University	KR
225	University of Tabriz	IR	=275	Aga Khan University	PK
=226	China University of Geosciences	CN	=275	Jiangnan University	CN
=226	Lovely Professional University (LPU)	IN	=275	University of Colombo	LK
=226	Macau University of Science and Technology	MO	=278	Aligarh Muslim University	IN
=226	Universiti Malaysia Sarawak (UNIMAS)	MY	=278	Siksha 'O' Anusandhan (Deemed to be University)	IN
=230	Beijing University of Technology	CN	280	Daffodil International University	BD
=230	Kazakh-British Technical University	KZ	281	Saken Seifullin Kazakh Agrotechnical University	KZ
=230	Kyrgyz-Turkish Manas University	KG	=282	Beijing University of Chemical Technology	CN
=230	Okayama University	JP	=282	Qingdao University	CN
234	Shahid Beheshti University (SBU)	IR	=282	Telkom University	ID
235	Pakistan Institute of Engineering and Applied Sciences	PK	285	Alagappa University, Karaikudi	IN
=236	Nagasaki University	JP	=286	Donghua University	CN
=236	Nanjing University of Science and Technology	CN	=286	Guru Nanak Dev University, Amritsar	IN
=236	Universitas Hasanuddin	ID	=288	D. Serikbayev East Kazakhstan state technical university	KZ
239	University of Hyderabad	IN	=288	Soonchunhyang University	KR
=240	Chang Gung University	TW	=288	University of Isfahan	IR
=240	Tokyo Metropolitan University	JP	291	Institute of Business Administration (IBA)	PK
242	National University of Uzbekistan	UZ	=292	Amrita Vishwa Vidyapeetham	IN
=243	International Islamic University Islamabad (IIU)	PK	=292	Jahangirnagar University	BD
=243	Universiti Malaysia Sabah (UMS)	MY	=294	National Chin-Yi University of Technology	TW
=245	Beijing Jiaotong University	CN	=294	Sungshin Women's University	KR
=245	Nanjing University of Aeronautics and Astronautics	CN	296	Northwest University (China)	CN
=245	University of Mumbai	IN	297	Ocean University of China	CN
=248	Asia University Taiwan	TW	298	Huazhong Agricultural University	CN
=248	Nanjing Normal University	CN	299	Pukyong National University	KR
=248	Universiti Tun Hussein Onn University of Malaysia	MY	300	Guangzhou University	CN
=248	University of Ulsan	KR	301	Shiraz University of Technology	IR
=248	Wuhan University of Technology	CN	=302	Babol Noshirvani University of Technology	IR

=302	IIT Gandhinagar	IN	=350	University of Peradeniya	LK
=302	International Christian University	JP	=354	Almaty Technological University	KZ
=305	Chungbuk National University	KR	=354	Meiji University	JP
=305	Kazakh Ablai Khan University of International Relations and World Languages	KZ	=354	University of International Business and Economics	CN
307	Chang Jung Christian University	TW	=357	Chittagong University of Engineering and Technology	BD
=308	Chung Yuan Christian University	TW	=357	Tashkent State University of Economics	UZ
=308	National Institute of Technology Tiruchirappalli	IN	=359	Gifu University	JP
=310	Kangwon National University	KR	=359	Jeju National University	KR
=310	Madurai Kamaraj University	IN	=359	Tamkang University	TW
=310	Nanjing Agricultural University	CN	=362	Guangxi University	CN
=313	Fuzhou University	CN	=362	Harbin Engineering University	CN
=313	Yuan Ze University	TW	=362	Islamic Azad University	IR
=315	Nanjing Forestry University	CN	=362	Kyushu Institute of Technology	JP
=315	National Dong Hwa University	TW	=362	Niigata University	JP
=317	Government College University, Faisalabad	PK	=362	Tashkent State Technical University	UZ
=317	National Institute of Technology Rourkela	IN	=362	University of Central Punjab	PK
=317	University of Management and Technology	PK	=369	Central China Normal University (f.k.a. Huazhong Normal University)	CN
=320	Guru Gobind Singh Indraprastha University	IN	=369	Shiv Nadar University	IN
=320	Indian Institute of Technology Hyderabad	IN	=369	University of Economics Ho Chi Minh City	VN
=320	Nanjing University of Information Science and Technology	CN	372	Guangdong University of Technology	CN
=320	University of Rajshahi	BD	=373	National Taipei University	TW
=324	Air University, Pakistan	PK	=373	Sathyabama Institute of Science and Technology (deemed to be university)	IN
=324	Bahauddin Zakariya University	PK	=373	Southwestern University of Finance and Economics	CN
=324	Feng Chia University	TW	=373	Tokai University	JP
=324	Kookmin University	KR	=377	Abdul Wali Khan University Mardan	PK
=324	Seoul National University of Science and Technology	KR	=377	Southwest University	CN
329	Universitas Sumatera Utara	ID	=377	University of Sri Jayewardenepura	LK
330	Beijing Foreign Studies University	CN	380	Nanjing Tech University	CN
331	Hohai University	CN	=381	Indian School of Mines (ISM) University, Dhanbad	IN
332	Fu Jen Catholic University	TW	=381	Kyrgyz National University	KG
=333	China University of Petroleum	CN	=381	Kyrgyz State Technical University	KG
=333	Kyrgyz Russian Slavic University	KG	=384	Chung Hua University	TW
=333	Nguyen Tat Thanh University (NTTU), HCMC	VN	=384	Gachon University	KR
=336	Institute of Chemical Technology (UDCT), Mumbai	IN	=386	Kyoto Institute of Technology	JP
=336	JSS Academy of Higher Education and Research (Deemed to be University)	IN	=386	Shanghai University of Finance and Economics	CN
=336	Xi'an Jiaotong Liverpool University	CN	=388	Gyeongsang National University	KR
=339	Dankook University	KR	=388	Hanoi University of Science and Technology	VN
=339	University of Kerala	IN	=390	K.N.Toosi University of Technology	IR
341	Universiti Malaysia Perlis	MY	=390	Tokyo University of Foreign Studies	JP
=342	Doshisha University	JP	=390	University of Kashan	IR
=342	Hong Kong Shue Yan University	HK	393	Shanghai Normal University	CN
=342	Shahjalal University of Science and Technology	BD	=394	Beijing Forestry University	CN
=345	Ashoka University	IN	=394	Kindai University (Kinki University)	JP
=345	Narxoz University	KZ	=394	Yokohama City University	JP
=345	S.D. Asfendiyarov Kazakh National Medical University	KZ	=397	Bharathidasan University	IN
=348	Hue University	VN	=397	Shahrood University of Technology	IR
=348	Southwest Jiaotong University	CN	399	Chitkara University	IN
=350	Kagoshima University	JP	=400	Lahore School of Economics	PK
=350	National Taiwan Ocean University	TW	=400	National Yunlin University of Science and Technology	TW
=350	SASTRA Deemed University	IN	=400	Shaanxi Normal University	CN
			=400	Universiti Kuala Lumpur (UnikL)	MY

401-410	GB Pant University of Agriculture and Technology, Pantnagar	IN	441-450	University of Shanghai for Science and Technology	CN
401-410	Khulna University of Engineering and Technology	BD	451-460	AIMST University	MY
401-410	King Mongkut's Institute of Technology Ladkrabang	TH	451-460	Aoyama Gakuin University	JP
401-410	Northeast Normal University	CN	451-460	Macao Polytechnic Institute	MO
401-410	South China Normal University	CN	451-460	Presidency University, Kolkata	IN
401-410	Suranaree University of Technology	TH	451-460	SEGI University	MY
401-410	The Islamia University of Bahawalpur, Pakistan	PK	451-460	South China Agricultural University	CN
411-420	Adamson University	PH	451-460	Universitas Multimedia Nusantara	ID
411-420	Akita University	JP	451-460	University of Engineering and Technology, Taxila	PK
411-420	Bahria University	PK	451-460	University of Jaffna	LK
411-420	Gunma University	JP	451-460	Yessenov University	KZ
411-420	Iqra University IU Karachi	PK	451-460	Zhongnan University of Economics and Law	CN
411-420	Northeastern University (China)	CN	461-470	Ahsanullah University of Science and Technology	BD
411-420	Ritsumeikan Asia Pacific University	JP	461-470	Dhaka University of Engineering and Technology	BD
411-420	Universiti Teknikal Malaysia Melaka	MY	461-470	Hallym University	KR
411-420	University of Electro-Communications (UEC)	JP	461-470	Incheon National University	KR
411-420	University of Kurdistan	IR	461-470	Khulna University	BD
421-430	Atma Jaya Catholic University Jakarta	ID	461-470	Shibaura Institute of Technology	JP
421-430	Birla Institute of Technology, Ranchi	IN	461-470	Suleyman Demirel University, Kazakhstan	KZ
421-430	Ho Chi Minh City University of Technology and Education	VN	461-470	Universitas Andalas	ID
421-430	Indian Institute of Technology Bhubaneswar	IN	461-470	University of Malakand, Chakdara	PK
421-430	Islamic University of Technology	BD	471-480	China Pharmaceutical University	CN
421-430	Mahatma Gandhi University, Kottayam	IN	471-480	Hongik University	KR
421-430	Rajshahi University of Engineering and Technology	BD	471-480	King Mongkut's University of Technology North Bangkok	TH
421-430	Shinshu University	JP	471-480	NED University of Engineering and Technology	PK
421-430	Tokushima University	JP	471-480	OSMANIA UNIVERSITY	IN
421-430	University of Da Nang	VN	471-480	Rikkyo University	JP
431-440	GC University Lahore	PK	471-480	Sichuan Agricultural University	CN
431-440	Nagaoka University of Technology	JP	471-480	Silpakorn University	TH
431-440	Nanjing Medical University	CN	471-480	Soka University	JP
431-440	Riphah International University	PK	471-480	University of Ruhuna	LK
431-440	Shandong University of Science and Technology	CN	481-490	Chaoyang University of Technology	TW
431-440	Shanghai University of Traditional Chinese Medicine	CN	481-490	China University of Petroleum (East China)	CN
431-440	Shantou University	CN	481-490	HeFei University of Technology	CN
431-440	Soongsil University	KR	481-490	Kharazmi University	IR
431-440	University of the Ryukyus	JP	481-490	National University of Modern Languages (NUML), Islamabad	PK
431-440	Yogyakarta State University	ID	481-490	Sultan Sharif Ali Islamic University	BN
441-450	Beijing University of Chinese Medicine	CN	481-490	University of San Carlos	PH
441-450	East West University	BD	481-490	University of Transport and Communications	VN
441-450	Fujian Normal University	CN	481-490	Xidian University	CN
441-450	Hangzhou Normal University	CN	481-490	Youngsan University	KR
441-450	Kwangwoon University	KR	491-500	Chengdu University	CN
441-450	National Institute of Technology, Karnataka, Surathkal	IN	491-500	Indian Institute of Technology Mandi	IN
441-450	National University of Computer and Emerging Sciences, Islamabad	PK	491-500	Nanchang University	CN
441-450	Sukkur IBA University	PK	491-500	North China Electric Power University	CN
441-450	Toraighyrov University	KZ	491-500	Razi University	IR
441-450	Universitas Pendidikan Indonesia	ID	491-500	Samarkand State University	UZ
			491-500	Shanghai International Studies University	CN
			491-500	Tamil Nadu Agricultural University, Coimbatore	IN
			491-500	University of Miyazaki	JP

491-500	Van Lang University	VN	541-560	Bu Ali Sina University	IR
491-500	Yamaguchi University	JP	541-560	Guizhou University	CN
491-500	Yasouj University	IR	541-560	Hong Kong Metropolitan University	HK
501-520	Dow University of Health Sciences	PK	541-560	Indian Institute of Engineering Science and Technology, Shibpur	IN
501-520	Fatima Jinnah Women University	PK	541-560	Indian Institute of Technology Patna	IN
501-520	Guangdong University of Foreign studies	CN	541-560	King Edward Medical University, Lahore	PK
501-520	Indian Institute of Science Education and Research, Bhopal	IN	541-560	Korkyt Ata Kyzylorda University	KZ
501-520	Indraprastha Institute of Information Technology (IIIT) Delhi	IN	541-560	NIT Silchar	IN
501-520	Industrial University of Ho Chi Minh City	VN	541-560	Polytechnic University of the Philippines	PH
501-520	Jamia Hamdard	IN	541-560	Siam University	TH
501-520	Kansai University	JP	541-560	Soochow University (Taiwan)	TW
501-520	Kochi University	JP	541-560	Stamford University Bangladesh	BD
501-520	Kwansei Gakuin University	JP	541-560	Tashkent University of Information Technology	UZ
501-520	Minzu University of China	CN	541-560	The Hang Seng University of Hong Kong	HK
501-520	Nagoya City University	JP	541-560	Woosong University	KR
501-520	National University of Defense Technology	CN	541-560	Yamagata University	JP
501-520	Pondicherry University	IN	561-580	Changan University	CN
501-520	Semey State University named after Shakarim	KZ	561-580	Inje University	KR
501-520	The University of Swabi	PK	561-580	Mapua University	PH
501-520	Universitas Islam Indonesia	ID	561-580	Mehran University of Engineering & Technology	PK
501-520	Universiti Malaysia Kelantan	MY	561-580	Motilal Nehru NIT (MNNIT), Allahabad	IN
501-520	University of Moratuwa	LK	561-580	Nagoya Institute of Technology (NIT)	JP
501-520	Yunnan University	CN	561-580	Naresuan University	TH
521-540	Akita International University	JP	561-580	Ochanomizu University	JP
521-540	Annamalai University	IN	561-580	Saitama University	JP
521-540	Arid Agriculture University	PK	561-580	Shanghai University of International Business and Economics	CN
521-540	Beijing University of Posts and Telecommunications	CN	561-580	Shimane University	JP
521-540	Can Tho University	VN	561-580	Srinakharinwirot University	TH
521-540	Indian Institute of Technology Ropar	IN	561-580	Tajik National University	TJ
521-540	Kalasalingam Academy of Research and Education	IN	561-580	Tezpur University, Tezpur	IN
521-540	Maejo University	TH	561-580	United International University	BD
521-540	Maulana Abul Kalam Azad University of Technology, West Bengal	IN	561-580	Universitas Muhammadiyah Yogyakarta	ID
521-540	National Kaohsiung University of Science and Technology	TW	561-580	Universiti Sains Islam Malaysia	MY
521-540	National Textile University	PK	561-580	University of Phayao	TH
521-540	North-Kazakhstan State University named after M. Kozybayev	KZ	581-600	Chinese Culture University	TW
521-540	Tribhuvan University	NP	581-600	Chuo University	JP
521-540	University of Mazandaran	IR	581-600	HanDong Global University	KR
521-540	University of Mysore, Mysore	IN	581-600	Indian Institute of Information Technology, Allahabad	IN
521-540	University of Sargodha	PK	581-600	Institut Teknologi Nasional Bandung	ID
521-540	Urmia University	IR	581-600	Kitasato University	JP
521-540	Visveswaraiah Technological University	IN	581-600	Korea Maritime and Ocean University	KR
521-540	Xi'an University of Architecture and Technology (XAUAT)	CN	581-600	Liaoning University	CN
521-540	Zhangir Khan West Kazakhstan Agrarian-Technical University	KZ	581-600	Malaysia University of Science and Technology (MUST)	MY
541-560	Akita Prefectural University	JP	581-600	National Chi Nan University	TW
541-560	Allameh Tabataba'i University (ATU)	IR	581-600	NITTE (Deemed to be University)	IN
541-560	Anhui University	CN	581-600	North Eastern Hill University	IN
			581-600	Sri Venkateswara University	IN
			581-600	State University of Malang	ID
			581-600	Tashkent Institute of Finance	UZ

581-600	Udayana University	ID	641-660	Capital University of Science and Technology, Islamabad	PK
581-600	Universitas Kristen Petra	ID	641-660	Hosei University	JP
581-600	University of Kashmir, Srinagar	IN	641-660	Hunan Normal University	CN
581-600	University of Poonch Rawalakot	PK	641-660	Independent University Bangladesh	BD
581-600	University of Veterinary and Animal Sciences, Lahore	PK	641-660	Inner Mongolia University	CN
581-600	Walailak University	TH	641-660	Institute of Business Management, Pakistan	PK
581-600	Yamanashi University	JP	641-660	Jain (Deemed to be University)	IN
601-620	Busan University of Foreign Studies	KR	641-660	K.Zhubanov Aktobe Regional State University	KZ
601-620	Cochin University of Science & Technology	IN	641-660	Limkokwing University of Creative Technology	MY
601-620	Ehime University	JP	641-660	Northeast Agricultural University	CN
601-620	Hazara University, Dodhial	PK	641-660	Shizuoka University	JP
601-620	HELP University	MY	641-660	Tashkent State Agrarian University	UZ
601-620	I-Shou University (ISU)	TW	641-660	Ualikhanov University	KZ
601-620	Jashore University of Science & Technology	BD	641-660	Universiti Sultan Zainal Abidin	MY
601-620	Jaypee University of Information Technology	IN	641-660	University of Chittagong	BD
601-620	M.Kh. Dulaty Taraz Regional University	KZ	641-660	University of Wah	PK
601-620	Myongji University	KR	641-660	Wayamba University of Sri Lanka	LK
601-620	Oita University	JP	661-680	Al-Madinah International University	MY
601-620	Shahid Bahonar University of Kerman	IR	661-680	Alzahra University	IR
601-620	Shandong Agricultural University	CN	661-680	Banasthali Vidyapith	IN
601-620	Silliman University	PH	661-680	Bharath University	IN
601-620	Taiyuan University of Technology	CN	661-680	Changwon National University	KR
601-620	University of Calicut	IN	661-680	Dalian Maritime University	CN
601-620	University of Kelaniya	LK	661-680	Dr Ambedkar National Institute of Technology, Jalandhar	IN
601-620	University of Zanjan	IR	661-680	Islamia College University Peshawar	PK
621-640	Ahmedabad University	IN	661-680	Kathmandu University	NP
621-640	Bangalore University, Bangalore	IN	661-680	Khawaja Fareed University of Engineering and Information Technology	PK
621-640	Burdwan University, Bardhaman	IN	661-680	Kunsan National University	KR
621-640	China University of Geosciences (Beijing)	CN	661-680	Kyungnam University	KR
621-640	Chosun University	KR	661-680	Lahore College for Women University	PK
621-640	Galgotias University	IN	661-680	Mae Fah Luang University	TH
621-640	Goa University	IN	661-680	Sun Moon University	KR
621-640	Graphic Era (Deemed) University	IN	661-680	Tashkent State Pedagogical University	UZ
621-640	Hebei University of Technology	CN	661-680	Toyo University	JP
621-640	Institute of Space Technology, Islamabad	PK	661-680	Universitas Tarumanagara	ID
621-640	International University of Business Agriculture and Technology	BD	661-680	University of Agricultural Sciences, Bangalore	IN
621-640	Iwate Prefectural University	JP	661-680	University of Lampung	ID
621-640	Karakalpak State University	UZ	661-680	Urgench State University	UZ
621-640	Kyonggi University	KR	661-680	Yazd University	IR
621-640	Muroran Institute of Technology	JP	681-700	Andhra University	IN
621-640	National Changhua University of Education	TW	681-700	CHRIST (Deemed to be University), Bengaluru	IN
621-640	National Institute of Technology Calicut	IN	681-700	Far Eastern University, Manila	PH
621-640	Northeast Forestry University	CN	681-700	Future University Hakodate	JP
621-640	Sangmyung University	KR	681-700	Gangneung-Wonju National University	KR
621-640	Sarsen Amanzholov East Kazakhstan State University	KZ	681-700	Government College Women University, Sialkot	PK
621-640	Shivaji University, Kolhapur	IN	681-700	Karunya Institute of Technology and Sciences - Deemed to be University	IN
621-640	Syah Kuala University	ID	681-700	KLE Academy of Higher Education and Research, Belagavi	IN
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621-640	University of Cyberjaya	MY			
621-640	Yangon University	MM			

681-700	Mirpur University of Science and Technology (MUST)	PK	701-750	Sri Krishnadevaraya University, Anantpur	IN
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701-750	Acharya Nagarjuna University	IN	701-750	University of Surabaya	ID
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701-750	Central University of Finance and Economics	CN	751-800	American International University-Bangladesh (AIUB)	BD
701-750	Chaudhary Charan Singh University, Meerut	IN	751-800	Assam University	IN
701-750	Delhi Technological University	IN	751-800	B.S. Abdul Rahman Crescent Institute of Science and Technology (Deemed to be University)	IN
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701-750	Duksung Women's University	KR	751-800	Deen Dayal Upadhyay Gorakhpur University, Gorakhpur	IN
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801-850	Mokpo National University	KR	851-900	Politeknik Negeri Jakarta	ID
			851-900	Rajamangala University of Technology Phra Nakhon	TH

851-900	Rajamangala University of Technology Thanyaburi	TH	901+	Mody University of Science and Technology	IN
851-900	Rangsit University	TH	901+	Mongolia University of Science and Technology	MN
851-900	Ryukoku University	JP	901+	Mukogawa Women's University	JP
851-900	Satya Wacana Christian University	ID	901+	Musashino University	JP
851-900	Saurashtra University, Rajkot	IN	901+	Nakhon Ratchasima Rajabhat University	TH
851-900	Shahid Rajae Teacher Training University	IR	901+	Nanzan University	JP
851-900	sri Lanka Institute of Information Technology	LK	901+	National Kaohsiung Normal University	TW
851-900	Universitas Darussalam Gontor	ID	901+	National University of Mongolia	MN
851-900	Universitas Islam Malang (UNISMA)	ID	901+	Osaka Kyoiku University	JP
851-900	Universitas Sam Ratulangi Manado	ID	901+	Otsuma Women's University	JP
851-900	University of Balochistan	PK	901+	Pancasila University	ID
851-900	University of Bengkulu	ID	901+	REVA University	IN
851-900	University of North Bengal	IN	901+	Sam Hingginbottom Institute of Agriculture, Technology & Sciences	IN
851-900	University of Suwon	KR	901+	Sang Ji University	KR
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851-900	Yong In University	KR	901+	Semyung University	KR
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901+	Angeles University Foundation	PH	901+	Shaheed Benazir Bhutto Women University	PK
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901+	Bukhara Engineering-Technological Institute	UZ	901+	Suan Sunandha Rajabhat University	TH
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901+	Chukyo University	JP	901+	The Government Sadiq College for Women Bahawalpur	PK
901+	Da-Yeh University	TW	901+	The Women University Multan	PK
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901+	Dongduk Women's University	KR	901+	Tokyo Woman's Christian University	JP
901+	Dong-eui University	KR	901+	Tongmyong University	KR
901+	Doshisha Women's College of Liberal Arts	JP	901+	Universitas Bakrie	ID
901+	Green University of Bangladesh	BD	901+	Universitas Dian Nuswantoro	ID
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901+	Hajee Mohammad Danesh Science and Technology	BD	901+	Universitas Islam Sultan Agung	ID
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901+	Hoseo University	KR	901+	Universitas Medan Area	ID
901+	Indira Gandhi Delhi Technical University for Women	IN	901+	Universitas Muhammadiyah Prof. Dr. Hamka	ID
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901+	Josai University	JP	901+	Universitas Negeri Surabaya	ID
901+	Kagawa Education Institute of Nutrition (Kagawa Nutrition University)	JP	901+	Universitas Pembangunan Nasional Veteran Jakarta	ID
901+	Kanagawa Institute of Technology	JP	901+	Universitas Pembangunan Panca Budi	ID
901+	Kanazawa Institute of Technology	JP	901+	Universitas Riau	ID
901+	Kangnam University	KR	901+	University of 17 Agustus 1945	ID
901+	KwanDong University	KR	901+	University of Applied Science and Technology	IR
901+	Kyoto Women's University	JP	901+	University of Science and Technology of Southern Philippines	PH
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Europe

AI-Powered Research

By Julia Gilmore

AI is revolutionising the way researchers conduct their work, enabling them to analyse vast amounts of data, identify patterns and make new connections that would have been impossible or difficult to carry out using traditional methods. Last month, at the QS Higher Ed Summit: Europe in Barcelona, a panel of speakers discussed the transformative power of AI in research, exploring how it is accelerating discovery, enhancing communication to the public and shaping the future of scientific inquiry.

The panel begins with moderator Eng. Sofia Ribeiro, Operations Lead at DareData, raising the key issue that “a lot of people that mistake AI for large language models that are behind Chat GPT and similar programs”. Although these tools are very useful for research, she says, they are mainly for communication, to enhance text or to help us write papers discussing ideas. “But these are not the tools that we use to research,” she adds, asking the panel their thoughts on how AI is being used in research.

Mercè Crosas, Head of Computational Social Sciences Programme at Barcelona Supercomputing Center, highlights the long-standing integration of AI in research: “Even though we talk a lot about large language models and ChatGPT, if we’re talking about artificial intelligence in general, this has been used in research for quite some time, and especially in the last decade or two”. However, she points out that more recently, large language models [LLMs] are used in almost all fields.

Crosas shares one of the social science projects her institution is using AI for, by Horizon Europe, which is “helping to model the communication environment”. The project looks at how people are sharing information across digital platforms and how this is causing disinformation or causing polarisation or hate speech, she explains. “It uses an agent-based model, traditionally used in AI, using observational data to train LLMs.”

The panel also discuss the potential issues that AI raises in higher education, with Prof Dr José M. Martínez-Sierra, Director General and Provost, UPF Barcelona School of Management commenting: “The issue right now is that artificial intelligence is going to cause deeper inequality in higher education, the equity is changing. Big research universities like Harvard, MIT and Stanford that are connected with aerospace and military funding will speed up and extend the gap with other higher education institutions. Whilst we all have the same challenges [with AI], the difference is that some are very prepared because they are in the right ecosystem.”

Ribeiro also raises the issue of “fake research” resulting from AI, with concerns that research used may not have been validated. Imran Ali-Farzal, Co-CEO, KEATH.ai agrees that this is a legitimate concern: “We don’t really know what data sets AI models are being trained on. Within institutions you have a bit more control, if you’re training your own AI models. But if you’re relying on open AI or a private entity, you don’t know what’s being used.

“On top of that, AIs tend to hallucinate when they don’t know the answer. So, if you’re querying an AI to help you with a piece, a piece of research, if it doesn’t know the answer, it’s going to try to give you an answer. Unless you know what you’re looking for, you’re going to end up building on top of something that’s completely made-up.”

Ribeiro questions the possibility of assembling a system where the authenticity of each step of the research is validated, for example using blockchain. Ali-Farzal took a positive approach to this, while acknowledging the controversies of such a system "largely because [blockchain] is public, which could hinder the publishers in terms of income". However, he ruminates that "if all universities and research institutions were to agree that there's a public ledger to put any research that is valid and has gone through peer review and then everybody can access that and use that as your basis to check", - Such a system would be "a very clear way to potentially do it, but you'd have to get everybody to agree", he adds.

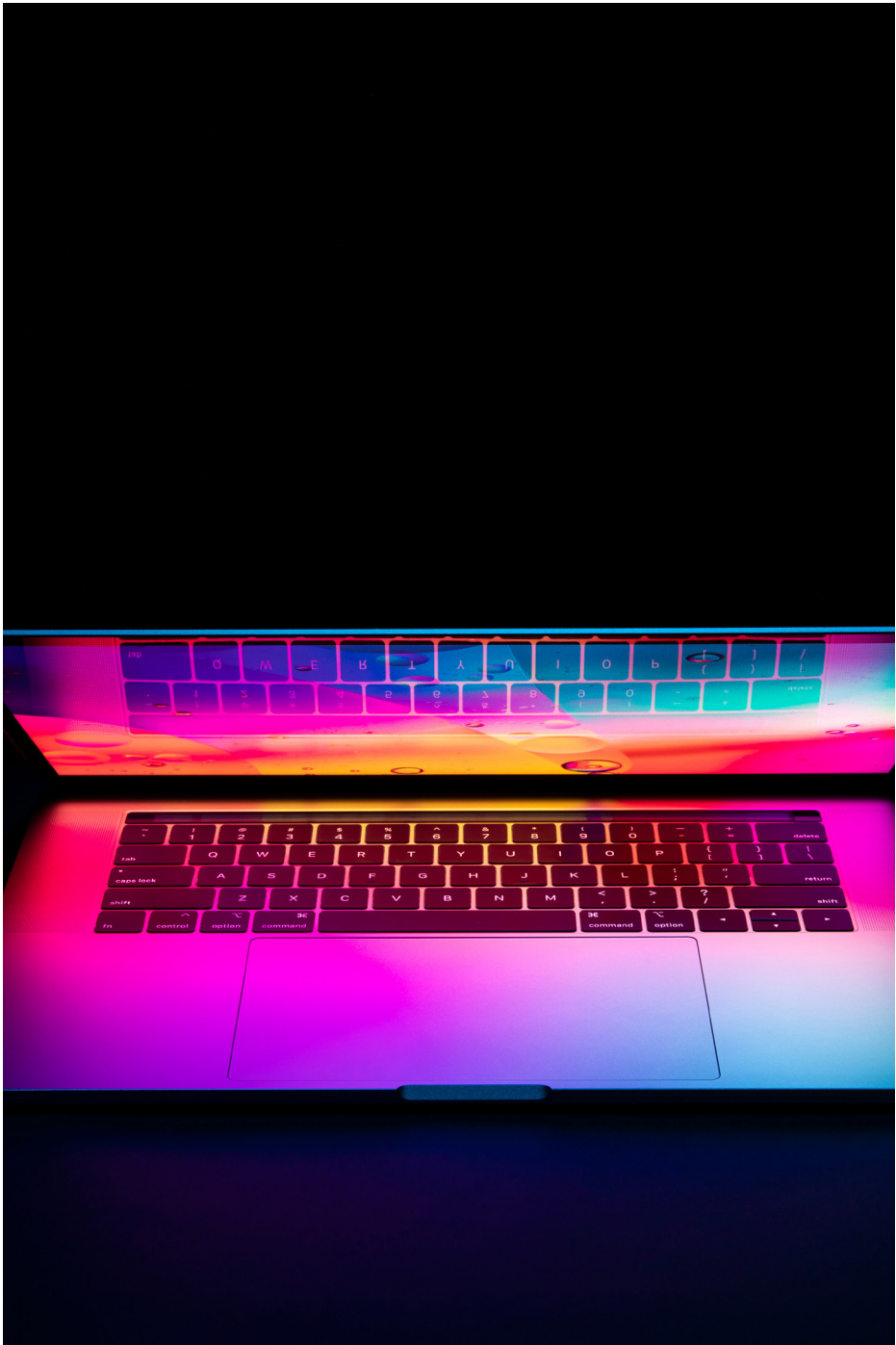
Crosas however disagrees with this assessment, saying that "blockchain is in some ways similar to what's happening to large language models". "We need to be careful about using it for general purposes when they are not fine-tuned by experts. Blockchain had been for many years promising a lot, but it's an overkill technology for many of the things that it has been applied to and it hasn't shown to work well for many of them," says Crosas.

She goes further to say that there needs to be "an analysis much more complete than just machine learning itself". "There could be arguments about how with machine learning you could still build a causality diagram and try and get causal inference basically from that, but the focus of machine learning in the majority of the cases is prediction."

Crosas adds: "Just because we use AI in science, it doesn't mean that we only use AI in science, you combine it with many methods to have a complete picture of the world."

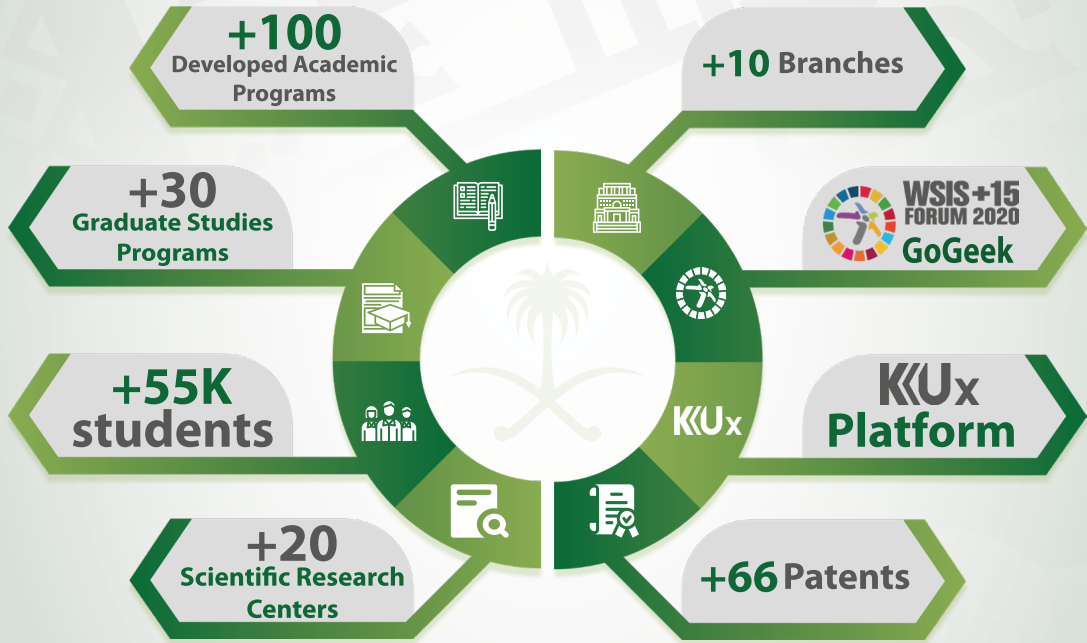
Another concern the panel raised was the potential cost of AI, not just from a financial perspective (ChatGPT costs around €700,000 per day to be run just on hardware or €0.36 per question), but from a social perspective. Dr Anita Patankar, Director, Symbiosis International University, agrees that "the training is expensive, the hardware is expensive, the whole gamut is expensive". This means that for a higher education institution it is going to become a matter of privilege, as it is in India, where higher education at a college with a program of your choice is a matter of privilege, she points out.

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109	University of Antwerp	BE	160	University of Granada	ES
109	University of Porto	PT	161	Aston University	UK
112	University of Strathclyde	UK	161	Sciences Po	FR
113	University of Milan	IT	163	Université de Strasbourg	FR
114	Middle East Technical University	TR	164	Aix-Marseille University	FR
114	Vrije Universiteit Brussel (VUB)	BE	165	Boğaziçi University	TR
116	Westfälische Wilhelms-Universität Münster	DE	165	Université de Liège	BE
117	Universidad Politécnica de Madrid (UPM)	ES	167	Aristotle University of Thessaloniki	GR
118	University of Twente	NL	167	University of Rome "Tor Vergata"	IT
119	Universidad Carlos III de Madrid (UC3M)	ES	169	IE University	ES
120	Jagiellonian University	PL	169	Johannes Gutenberg Universität Mainz	DE
120	Radboud University	NL	171	University of Kent	UK
122	Friedrich-Alexander-Universität Erlangen-Nürnberg	DE	172	Leibniz University Hannover	DE
123	Istanbul Technical University	TR	173	Universitat Ramon Llull	ES
124	University of Surrey	UK	174	Tampere University	FI
125	Université Grenoble Alpes	FR	175	Universitat Politècnica de València	ES
126	University of Leicester	UK	176	Universität Konstanz	DE
127	Heriot-Watt University	UK	177	Czech Technical University in Prague	CZ
128	Universitat Politècnica de Catalunya · BarcelonaTech (UPC)	ES	178	Ruhr-Universität Bochum	DE
129	City, University of London	UK	178	Vilnius University	LT
130	University of Southern Denmark (SDU)	DK	180	National Technical University of Athens	GR
131	Aalborg University	DK	181	University of Luxembourg	LU
132	Ecole des Ponts ParisTech	FR	182	University of Bordeaux	FR
133	Universidade Nova de Lisboa	PT	183	University of Salamanca	ES
134	Technical University of Darmstadt	DE	184	Bilkent University	TR
135	University of Turku	FI	185	Umea University	SE
136	Universitat de Valencia	ES	186	Universität Mannheim	DE
136	University of Pisa	IT	186	University of Trento	IT
138	University of Coimbra	PT	188	Sabancı University	TR
138	University of Turin	IT	189	Nottingham Trent University	UK
140	Università Cattolica del Sacro Cuore	IT	190	Coventry University	UK
140	University of Tartu	EE	190	Eötvös Loránd University	HU
142	École Normale Supérieure de Lyon	FR	192	University of the Basque Country	ES
143	Masaryk University	CZ	193	Universität Potsdam	DE
144	Universität Innsbruck	AT	194	Manchester Metropolitan University (MMU)	UK
145	University of Limerick	IE	195	University of Stirling	UK
146	Universidad de Sevilla	ES	196	Essex, University of	UK
146	University of Florence	IT	196	Università degli Studi di Pavia	IT
148	National and Kapodistrian University of Athens	GR	198	Hacettepe University	TR
149	University of East Anglia (UEA)	UK	198	Université de Montpellier	FR
150	Universität Stuttgart	DE	200	Universität Leipzig	DE

201	Lappeenranta-Lahti University of Technology LUT	FI	251	Université Claude Bernard Lyon 1	FR
201	University of Bradford	UK	251	University of Belgrade	RS
203	University of Bayreuth	DE	253	Czech University of Life Sciences in Prague	CZ
204	Christian-Albrechts-University zu Kiel	DE	254	Tallinn University of Technology (TalTech)	EE
205	Ca' Foscari University of Venice	IT	255	Martin-Luther-Universität Halle-Wittenberg	DE
205	University of Jyväskylä	FI	256	Babes-Bolyai University	RO
205	University of Milano-Bicocca	IT	256	Kaunas University of Technology	LT
208	Warsaw University of Technology	PL	258	Adam Mickiewicz University, Poznań	PL
209	Johannes Kepler University Linz	AT	258	Justus-Liebig-University Giessen	DE
209	University of Eastern Finland	FI	258	Riga Technical University	LV
211	Graz University of Technology	AT	258	Universidad de Alcalá	ES
211	Universidad de Zaragoza	ES	262	University of Greenwich	UK
213	Northumbria University at Newcastle	UK	263	Liverpool John Moores University	UK
214	Palacký University Olomouc	CZ	264	Ankara Üniversitesi	TR
214	Paris Lodron University of Salzburg	AT	265	Taras Shevchenko National University of Kyiv	UA
214	University of Aveiro	PT	266	Universidade Católica Portuguesa - UCP	PT
217	Julius-Maximilians-Universität Würzburg	DE	267	Gazi Üniversitesi	TR
218	Institut National des Sciences Appliquées de Lyon (INSA)	FR	267	Sofia University "St. Kliment Ohridski"	BG
218	Universidade de Santiago de Compostela	ES	267	University of Latvia	LV
218	University of Hull	UK	267	Vytautas Magnus University	LT
221	University of Ljubljana	SI	271	Aberystwyth University	UK
222	Istanbul University	TR	272	Universität Duisburg-Essen	DE
222	University of Debrecen	HU	272	University of Bucharest	RO
224	Bangor University	UK	274	University of Tromsø The Arctic University of Norway	NO
224	Brno University of Technology	CZ	275	Université de Lorraine	FR
224	SOAS University of London	UK	276	Université Côte d'Azur	FR
224	University of Genoa	IT	277	Comenius University Bratislava	SK
228	Universität Jena	DE	277	Universitat Rovira i Virgili	ES
228	University of Szeged	HU	279	De Montfort University	UK
230	University of Huddersfield	UK	279	University of Siena	IT
231	Royal Holloway University of London	UK	281	Azerbaijan State University of Economics	AZ
231	Universität Bremen	DE	281	Goldsmiths, University of London	UK
233	Université Paul Sabatier Toulouse III	FR	281	University of Iceland	IS
234	Universidad Pontificia Comillas	ES	284	Universität Regensburg	DE
234	University of Hohenheim	DE	285	Middlesex University	UK
236	Birkbeck, University of London	UK	286	University of Alicante	ES
237	Kingston University, London	UK	286	University of Crete	GR
237	Université de Fribourg	CH	288	Universidad de Valladolid	ES
239	University of Portsmouth	UK	289	Maynooth University	IE
240	Ulster University	UK	289	University of Vaasa	FI
240	University of Plymouth	UK	291	TU Dortmund University	DE
242	Karl-Franzens-Universität Graz	AT	291	University Duesseldorf	DE
243	University of Zagreb	HR	291	Yildiz Technical University	TR
244	University of the West of England	UK	294	Norwegian University of Life Sciences (UMB)	NO
245	USI - Università della Svizzera italiana	CH	294	Universität des Saarlandes	DE
246	University of Cyprus (UCY)	CY	296	Technological University Dublin	IE
247	Budapest University of Technology and Economics	HU	296	Université de Rennes 1 (University of Rennes)	FR
248	University of Minho	PT	296	University of Chemistry and Technology, Prague	CZ
249	Hasselt University	BE	296	University Ulm	DE
249	Université de Lille	FR	300	Abo Akademi University	FI
			300	Bournemouth University	UK

302	Gdańsk University of Technology	PL	352	Robert Gordon University	UK
303	University of Patras	GR	353	University of Stavanger	NO
304	Athens University of Economics and Business	GR	354	University of Brescia	IT
304	Jacobs University Bremen	DE	355	Cracow University of Technology (Politechnika Krakowska)	PL
306	National Technical University of Ukraine "Igor Sikorsky Kyiv Polytechnic Institute"	UA	355	Mendel University in Brno	CZ
306	University of Malta	MT	357	Catania University	IT
306	University of Wrocław	PL	358	Università degli Studi di Perugia	IT
309	University of Klagenfurt	AT	359	Universidad Rey Juan Carlos	ES
310	Université de Nantes	FR	360	Khazar University	AZ
311	University of Bari	IT	360	Technische Universität Bergakademie Freiberg	DE
312	University of Deusto	ES	362	Queen Margaret University, Edinburgh	UK
313	University of Brighton	UK	363	EGE UNIVERSITY	TR
314	University of Pecs	HU	364	NHTV Breda University of Applied Sciences	NL
315	University of Salerno	IT	365	London South Bank University	UK
316	Vilnius Gediminas Technical University	LT	365	University of Namur	BE
317	Technische Universität Braunschweig	DE	367	Universidad de León	ES
317	Verona University	IT	368	University of Mons	BE
319	V. N. Karazin Kharkiv National University	UA	369	University of Parma	IT
320	University of Messina (UniME)	IT	370	Corvinus University of Budapest	HU
321	University of Nicosia	CY	370	Sheffield Hallam University	UK
322	Free University of Bozen-Bolzano	IT	370	Széchenyi István University	HU
322	Universidad de Oviedo	ES	370	Université de Franche-Comté	FR
322	Universidade de Vigo	ES	374	Universitat Internacional de Catalunya (UIC)	ES
325	Edinburgh Napier University	UK	375	Politecnico di Bari	IT
325	Keele University	UK	376	University of Wolverhampton	UK
325	University of Westminster	UK	377	Riga Stradins University	LV
328	AGH University of Science and Technology	PL	378	University of Hertfordshire	UK
328	Philipps-Universität Marburg	DE	379	Bielefeld University	DE
330	ISCTE - Instituto Universitário de Lisboa	PT	379	Universitat de Lleida	ES
331	Università Vita-Salute San Raffaele	IT	381	Université Toulouse 1 Capitole	FR
331	UNIVERSITY OF GDANSK	PL	381	VSB - Technical University of Ostrava	CZ
331	University of Lincoln	UK	383	Cyprus University of Technology	CY
334	Università degli studi Roma Tre	IT	384	Nicolaus Copernicus University	PL
334	University of Trieste	IT	384	University of the West of Scotland (UWS)	UK
336	Baku State University	AZ	386	Universita' degli Studi di Ferrara	IT
337	University of Palermo	IT	387	Slovak University of Technology in Bratislava	SK
338	University of Maribor	SI	388	University Paris 2 Panthéon-Assas	FR
338	Zurich University of Applied Sciences (ZHAW)	CH	389	CY Cergy Paris University	FR
340	Universidad de Córdoba - España	ES	389	Universität Rostock	DE
341	Anglia Ruskin University	UK	391	University of Novi Sad	RS
341	Université Sorbonne Paris Nord	FR	391	Warsaw University of Life Sciences - SGGW (WULS-SGGW)	PL
343	University of Modena and Reggio Emilia	IT	393	Tallinn University	EE
343	University of Nova Gorica	SI	394	Azerbaijan State Oil and Industry University	AZ
343	University of Salford	UK	394	Universitat Jaume I	ES
343	Wrocław University of Science and Technology (WRUST)	PL	396	Glasgow Caledonian University	UK
347	University of Calabria	IT	396	Slovak University of Agriculture in Nitra	SK
348	Mykolas Romeris University	LT	396	Université Lumière Lyon 2	FR
348	Università Politecnica delle Marche	IT	399	Ivan Franko National University of Lviv	UA
348	University of Lodz	PL	399	Universidad de Castilla-La Mancha	ES
348	University of Murcia	ES	399	University of Derby	UK

402	Alexandru Ioan Cuza University	RO	452	Wroclaw University of Environmental and Life Sciences	PL
403	Lodz University of Technology	PL	453	Sumy State University	UA
403	Universidade da Coruña	ES	453	Université Jean Moulin Lyon 3	FR
403	University of Hradec Kralove	CZ	455	Latvia University of Life Sciences and Technologies	LV
406	Ivane Javakishvili Tbilisi State University	GE	455	University of Naples Parthenope	IT
407	University of the Algarve	PT	457	Cankaya Üniversitesi	TR
408	Pavol Jozef Šafárik University in Košice	SK	458	Paul Valéry University Montpellier	FR
409	Universidad Europea de Madrid	ES	458	Poznan University of Economics and Business	PL
409	University of East London	UK	460	Gustave Eiffel University	FR
411	Istanbul Gelisim University	TR	460	University of Žilina	SK
412	University of Central Lancashire	UK	462	Dokuz Eylül Üniversitesi	TR
412	University POLITEHNICA of Bucharest	RO	462	University of Silesia in Katowice	PL
412	Yerevan State University	AM	462	University of Split	HR
415	Roskilde University	DK	465	Università degli Studi dell'Insubria	IT
416	Teesside University	UK	466	Abdullah Gul University	TR
416	University of Beira Interior	PT	466	Gebze Technical University (GTU)	TR
418	Birmingham City University	UK	466	Russian-Armenian (Slavonic) State University	AM
419	Poznań University of Technology	PL	466	Università degli Studi "G. d'Annunzio" Chieti Pescara	IT
419	Università del Salento	IT	470	Galatasaray Üniversitesi	TR
421	Leeds Beckett University	UK	470	National University of Kyiv-Mohyla Academy (NaUKMA)	UA
421	Marmara University	TR	470	Poznan University of Life Sciences	PL
421	Université de Caen Normandie	FR	473	Bucharest University of Economic Studies	RO
424	Lviv Polytechnic National University	UA	473	Universität Siegen	DE
424	Roehampton University, London	UK	475	Università di Camerino	IT
424	Silesian University of Technology	PL	475	University of Primorska	SI
424	Università degli Studi di Udine	IT	477	Università degli studi di Foggia	IT
428	Université de Toulouse II-Le Mirail	FR	478	University of Applied Sciences of Southern Switzerland	CH
428	University of South Bohemia	CZ	479	University of Economics and Human Sciences in Warsaw	PL
428	University of Warmia and Mazury in Olsztyn	PL	479	University of Pardubice	CZ
431	London Metropolitan University	UK	479	University of Rijeka	HR
432	Technical University of Kosice	SK	482	Zuyd University (Zuyd University of Applied Sciences)	NL
433	Harper Adams University	UK	483	Bahcesehir University	TR
433	Hungarian University of Agriculture and Life Sciences	HU	483	Sungayit State University	AZ
435	Universitatea de Vest din Timisoara / West University of Timisoara	RO	485	Fundación CEU San Pablo	ES
436	Université Paris-Nanterre	FR	485	Óbuda University	HU
437	Academic Centre for Dentistry Amsterdam (ACTA)	NL	487	Anadolu University	TR
437	Università degli Studi della Tuscia (University of Tuscia)	IT	487	Kharkiv National University of Radio Electronics	UA
437	Université de Poitiers	FR	489	Canterbury Christ Church University	UK
440	Ss. Cyril and Methodius University of Skopje	MK	489	Karlstad University	SE
441	Interregional Academy of Personnel Management	UA	491	Baku Engineering University	AZ
442	University of Sunderland	UK	491	University of Mostar	BA
443	Georgian Technical University	GE	493	Université Jean Monnet, Saint-Etienne	FR
443	University of Ioannina	GR	494	Transilvania University of Brasov	RO
445	Klaipeda University	LT	494	Université d'Avignon et des Pays de Vaucluse	FR
445	National Technical University "Kharkiv Polytechnic Institute"	UA	496	Université de Limoges	FR
445	Tomas Bata University in Zlin	CZ	496	University of Miskolc	HU
448	University College of Boras	SE	498	University of Ostrava	CZ
449	Université Polytechnique Hauts-de-France	FR	498	University of Pannonia	HU
450	Università degli Studi della Campania Luigi Vanvitelli	IT	500	ADA University	AZ
450	Université de Bretagne Occidentale (UBO)	FR	500	Università IULM	IT

501-510	Firat Üniversitesi	TR	551-600	Acibadem University	TR
501-510	Istanbul Bilgi Üniversitesi	TR	551-600	Akdeniz Üniversitesi	TR
501-510	Izmir Institute of Technology (IZTECH)	TR	551-600	Azerbaijan Architecture & Construction University	AZ
501-510	Loyola University	ES	551-600	Europa-Universität Viadrina Frankfurt/Oder	DE
501-510	Reykjavik University	IS	551-600	European University Cyprus (EUC)	CY
501-510	Staffordshire University	UK	551-600	Free University of Tbilisi	GE
501-510	Technical University of Cluj-Napoca	RO	551-600	Goce Delchev University	MK
501-510	Technische Universität Kaiserslautern	DE	551-600	Hochschule Reutlingen	DE
501-510	The "Gheorghe Asachi" Technical University of Iasi	RO	551-600	Institut National des Sciences Appliquées de Strasbourg (INSA)	FR
501-510	Université d'Orléans	FR	551-600	Jan Kochanowski University in Kielce	PL
511-520	American University of Armenia	AM	551-600	John Paul II Catholic University of Lublin	PL
511-520	Erciyes Üniversitesi	TR	551-600	Kadir Has Üniversitesi	TR
511-520	Ozyegin University	TR	551-600	Karabuk University	TR
511-520	Royal Agricultural College	UK	551-600	Karadeniz Technical University	TR
511-520	Technical University of Liberec	CZ	551-600	Kiev National Linguistics University	UA
511-520	The Josip Juraj Strossmayer University of Osijek	HR	551-600	Lucian Blaga University of Sibiu	RO
511-520	The University of Northampton	UK	551-600	Matej Bel University in Banská Bystrica	SK
511-520	University of Niš	RS	551-600	Mid Sweden University	SE
511-520	University of Sarajevo	BA	551-600	National Aerospace University - Kharkiv Aviation Institute	UA
511-520	University of Zielona Góra	PL	551-600	National University of Life and Environmental Sciences of Ukraine	UA
521-530	Białystok University of Technology	PL	551-600	Pázmány Péter Catholic University	HU
521-530	Cardiff Metropolitan University	UK	551-600	Plovdiv University	BG
521-530	Cukurova University	TR	551-600	Sakarya University	TR
521-530	Daugavpils University	LV	551-600	Solent University	UK
521-530	Istanbul Aydin University	TR	551-600	South East European University	MK
521-530	Kyiv National Economic University	UA	551-600	Stefan cel Mare University of Suceava	RO
521-530	Suleyman Demirel University	TR	551-600	Technical University of Lublin	PL
521-530	Technische Universität Ilmenau	DE	551-600	TOBB University of Economics and Technology	TR
521-530	Universidad Miguel Hernández de Elche	ES	551-600	UCAM Universidad Católica San Antonio de Murcia	ES
521-530	Université d'Angers	FR	551-600	Universidad Francisco De Vitoria	ES
521-530	University of Trás-os-Montes and Alto Douro	PT	551-600	Universidade Lusofona	PT
531-540	Ataturk University	TR	551-600	Universita' degli Studi dell'Aquila	IT
531-540	Istanbul University Cerrahpasa	TR	551-600	Universita' degli Studi di Macerata	IT
531-540	Odessa I.I. Mechnikov National University	UA	551-600	Université du Sud - Toulon - Var	FR
531-540	Sarajevo School of Science and Technology	BA	551-600	University Dunarea de Jos of Galati	RO
531-540	Selcuk University	TR	551-600	University of Białystok	PL
531-540	Transport and Telecommunication Institute, Riga	LV	551-600	University of Kragujevac	RS
531-540	Universidad de Las Palmas de Gran Canaria	ES	551-600	University of Montenegro	ME
531-540	Universitat de Vic-Universitat Central de Catalunya (UVic-UCC)	ES	551-600	University of National and World Economy	BG
531-540	Université de Bretagne-Sud (UBS)	FR	551-600	University of Opole	PL
531-540	Université du Maine	FR	551-600	University of Oradea	RO
531-540	University of South Wales	UK	551-600	University of Prešov	SK
541-550	Azerbaijan Technical University	AZ	551-600	University of Rzeszów	PL
541-550	Istanbul Şehir University	TR	551-600	University of Sopron	HU
541-550	Izmir Ekonomi Üniversitesi	TR	551-600	University Of The Aegean	GR
541-550	Kyiv National University of Technologies & Design	UA	551-600	University of Tirana	AL
541-550	SWPS University of Social Sciences and Humanities	PL	551-600	University of West Bohemia	CZ
541-550	Università degli studi di Bergamo	IT	551-600	University Politehnica of Timisoara, UPT	RO
541-550	Universita' degli Studi di Urbino	IT	551-600	Uzhgorod National University	UA
541-550	University of Banja Luka	BA	551-600	Vistula University	PL

601+	Abant İzzet Baysal Üniversitesi	TR	601+	O.M.Beketov National University of Urban Economy	UA
601+	Adnan Menderes Üniversitesi	TR	601+	Oles Honchar Dnipro National University	UA
601+	Afyon Kocatepe Üniversitesi	TR	601+	Ovidius University of Constanta	RO
601+	Agricultural University of Tirana	AL	601+	Pavlo Tychyna Uman State Pedagogical University	UA
601+	Akaki Tsereteli State University	GE	601+	Poltava National Technical University	UA
601+	Aleksandë Moisiu University of Durrës	AL	601+	Polytechnic University of Tirana	AL
601+	Atilim Üniversitesi	TR	601+	Simon Kuznets Kharkiv National University of Economics	UA
601+	Balikesir Üniversitesi	TR	601+	Singidunum University	RS
601+	Baskent University	TR	601+	South Ukrainian National Pedagogical University named after Kostiantyn Dmytrovych Ushynsky	UA
601+	Bath Spa University	UK	601+	Terнопil Ivan Puluj National Technical University	UA
601+	Bursa Technical University	TR	601+	Trakia University	BG
601+	Canakkale Onsekiz Mart Üniversitesi	TR	601+	Universita' degli Studi di Napoli "L'Orientale"	IT
601+	Celal Bayar Üniversitesi (Manisa Celal Bayar University)	TR	601+	Université de Technologie, Troyes (UTT)	FR
601+	Chernihiv National University of Technology	UA	601+	Université du Littoral Côte d'Opale (ULCO)	FR
601+	Constantine the Philosopher University	SK	601+	Université Rennes 2 - Haute Bretagne	FR
601+	Cumhuriyet Üniversitesi	TR	601+	University North	HR
601+	Dicle Üniversitesi	TR	601+	University of Craiova	RO
601+	Dnipro Polytechnic National Technical University	UA	601+	University of Cumbria	UK
601+	Dumlupinar Üniversitesi	TR	601+	University of East Sarajevo	BA
601+	Düzce University	TR	601+	University of Gloucestershire	UK
601+	Eszterházy Károly Catholic University	HU	601+	University of Saint-Louis Brussels	BE
601+	Fachhochschule Münster	DE	601+	University of St. Cyril and Methodius in Trnava	SK
601+	FH Joanneum University of Applied Sciences	AT	601+	University of Tuzla	BA
601+	Gaziantep University	TR	601+	University of Zadar	HR
601+	Gaziosmanpasa Üniversitesi	TR	601+	University St.Kliment Ohridski in Bitola	MK
601+	George Emil Palade University of Medicine, Pharmacy, Science, and Technology of Targu Mures	RO	601+	Usak University	TR
601+	Harran Üniversitesi	TR	601+	Uskudar University	TR
601+	Inönü Üniversitesi	TR	601+	Vasyl' Stus Donetsk National University	UA
601+	International Hellenic University	GR	601+	Ventspils University College	LV
601+	Isik Üniversitesi	TR	601+	Vinnitsia National Technical University	UA
601+	Istanbul Kültür Üniversitesi	TR	601+	West Ukrainian National University	UA
601+	Istanbul Medeniyet University	TR	601+	Yeditepe University	TR
601+	Istanbul Medipol University	TR	601+	Yıldırım Beyazıt Üniversitesi	TR
601+	Istanbul Sabahattin Zaim University	TR	601+	Yuriy Fedkovych Chernivtsi National University	UA
601+	Istanbul Ticaret Üniversitesi	TR	601+	Zhytomyr Polytechnic State University	UA
601+	Istinye University	TR			
601+	Ivano Frankivsk National Technical University of Oil and Gas	UA			
601+	Jan Evangelista Purkyně University	CZ			
601+	Károli Gáspár University of the Reformed Church in Hungary	HU			
601+	Kastamonu University	TR			
601+	Lesya Ukrainka Volyn National University	UA			
601+	Lutsk National Technical University	UA			
601+	Moldova State University	MD			
601+	Moldova Technical University	MD			
601+	Namik Kemal University	TR			
601+	National Aviation University	UA			
601+	National Pedagogical University	UA			
601+	National University "Odessa Law Academy"	UA			
601+	Necmettin Erbakan University	TR			

Latin America

1	Universidade de São Paulo	BR	51	Universidad Simón Bolívar (USB)	VE
2	Pontificia Universidad Católica de Chile (UC)	CL	52	Universidad del Norte	CO
3	Universidade Estadual de Campinas (Unicamp)	BR	53	Universidad Torcuato Di Tella	AR
4	Tecnológico de Monterrey	MX	=54	Universidad de Talca	CL
5	Universidade Federal do Rio de Janeiro	BR	=54	Universidade Federal Fluminense	BR
6	Universidad de Chile	CL	56	Universidad EAFIT	CO
7	Universidad de los Andes	CO	57	Universidad Autónoma de Nuevo León	MX
8	UNESP	BR	=58	Universidad de San Andrés - UdeSA	AR
9	Universidad Nacional Autónoma de México (UNAM)	MX	=58	Universidad Nacional de Rosario (UNR)	AR
10	Universidad de Buenos Aires (UBA)	AR	60	Universidad Peruana Cayetano Heredia (UPCH)	PE
11	Universidad de Concepción	CL	61	Universidad del Valle	CO
12	Universidad Nacional de Colombia	CO	62	Pontificia Universidade Católica do Rio Grande do Sul (PUCRS)	BR
13	Universidade Federal de Minas Gerais	BR	63	Universidad de las Américas Puebla (UDLAP)	MX
14	Pontificia Universidade Católica do Rio de Janeiro	BR	64	Universidad de La Frontera (UFRO)	CL
15	Pontificia Universidad Católica del Perú	PE	65	Universidad Andrés Bello	CL
16	Universidade Federal do Rio Grande Do Sul	BR	=66	Universidad de Montevideo (UM)	UY
17	Universidad de Santiago de Chile (USACH)	CL	=66	Universidad Panamericana (UP)	MX
18	Pontificia Universidad Javeriana	CO	68	Pontificia Universidade Católica de São Paulo	BR
19	Universidad de Antioquia	CO	69	Universidade Federal da Bahia	BR
20	Universidad de Costa Rica	CR	70	Universidade Federal de Santa Maria	BR
21	Universidade Federal de Santa Catarina	BR	71	Universidad Anáhuac México	MX
22	Universidad Nacional de La Plata (UNLP)	AR	72	Universidad Católica Andres Bello	VE
23	Universidad Adolfo Ibáñez	CL	=73	Universidad Autónoma del Estado de México (UAEMex)	MX
24	Pontificia Universidad Católica de Valparaíso	CL	=73	Universidade Federal do Ceará (UFC)	BR
25	Universidade de Brasília	BR	75	Universidad Católica del Uruguay (UCU)	UY
26	Universidad Austral	AR	76	Colegio de México	MX
27	Universidad del Rosario	CO	77	Universidad Externado de Colombia	CO
28	Universidade Federal de São Paulo	BR	78	Benemérita Universidad Autónoma de Puebla	MX
29	Universidade Federal de São Carlos (UFSCar)	BR	=79	Universidad Nacional de Cuyo	AR
30	Universidad Autónoma Metropolitana (UAM)	MX	=79	Universidade do Estado do Rio de Janeiro (UERJ)	BR
31	Instituto Politécnico Nacional (IPN)	MX	81	Universidad de Los Andes - (ULA) Mérida	VE
32	Universidade Federal do Paraná - UFPR	BR	82	Universidad de Valparaíso (UV)	CL
33	Universidad Nacional de Córdoba - UNC	AR	83	Universidad Nacional, Costa Rica	CR
34	Universidad Central de Venezuela	VE	84	Universidad Pontificia Bolivariana	CO
35	Universidad de la República (Udelar)	UY	85	Universidad Nacional del Litoral	AR
36	Universidad de La Sabana	CO	86	Tecnológico de Costa Rica -TEC	CR
37	Universidad Diego Portales (UDP)	CL	87	Pontificia Universidade Católica do Paraná	BR
38	Universidad Austral de Chile	CL	88	Pontificia Universidad Católica del Ecuador (PUCE)	EC
39	Pontificia Universidad Católica Argentina	AR	89	Universidade Presbiteriana Mackenzie	BR
40	Universidad Técnica Federico Santa María (USM)	CL	90	Universidad del Desarrollo (UDD)	CL
41	Universidad de Puerto Rico	PR	91	Universidad Industrial de Santander - UIS	CO
42	Universidad de La Habana	CU	92	Universidad del Pacífico	PE
=43	Universidad de Guadalajara (UDG)	MX	93	Universidad ORT Uruguay	UY
=43	Universidad Iberoamericana IBERO	MX	94	Universidade Federal de Viçosa (UFV)	BR
45	Universidad San Francisco de Quito (USFQ)	EC	95	Universidade Federal do Rio Grande Do Norte	BR
46	Instituto Tecnológico Autónomo de México (ITAM)	MX	96	Instituto Tecnológico de Buenos Aires (ITBA)	AR
47	Universidad Nacional Mayor de San Marcos	PE	97	Universidade Federal de Pelotas	BR
48	Universidad de los Andes - Chile	CL	98	Universidad del Bío-Bío	CL
49	Universidade Federal de Pernambuco (UFPE)	BR	99	Universidade Federal da Paraíba	BR
50	Escuela Superior Politécnica del Litoral (ESPOL)	EC	100	Universidad de Especialidades Espíritu Santo	EC

=101	Universidad de Lima	PE	151-160	Pontificia Universidade Católica do Campinas - PUC Campinas	BR
=101	Universidad ICESI	CO	151-160	Universidad Argentina de la Empresa -UADE	AR
=101	Universidade Estadual de Maringá	BR	151-160	Universidad Autónoma de Yucatan	MX
=101	Universidade Federal do ABC (UFABC)	BR	151-160	Universidad de Oriente Santiago de Cuba	CU
=105	Universidad de Palermo (UP)	AR	151-160	Universidad Metropolitana	VE
=105	Universidad Tecnológica Nacional (UTN)	AR	151-160	Universidad Nacional de Quilmes	AR
107	Universidade Federal de Juiz de Fora- (UFJF)	BR	151-160	Universidad Nacional de Tucumán	AR
108	Universidad de Belgrano	AR	151-160	Universidad Nacional del Centro de la Provincia de Buenos Aires (UNICEN)	AR
=109	Universidad de Monterrey (UDEM)	MX	151-160	Universidade Federal de Sergipe (UFS)	BR
=109	Universidad Federal do Espírito Santo	BR	151-160	Universidade Paulista - UNIP	BR
=111	Universidad de Guanajuato	MX	161-170	Pontificia Universidad Católica Madre y Maestra	DO
=111	Universidad Nacional de San Martín (UNSAM)	AR	161-170	Universidad Autónoma de Querétaro (UAQ)	MX
113	Universidade Federal de Uberlândia	BR	161-170	Universidad Bernardo O'Higgins	CL
=114	Universidad Católica del Norte	CL	161-170	Universidad Católica de La Santísima Concepción - UCSC	CL
=114	Universidade Federal de Lavras	BR	161-170	Universidad del Cauca	CO
116	Escuela Politécnica Nacional	EC	161-170	Universidad Latina de Costa Rica	CR
117	Universidad Peruana de Ciencias Aplicadas	PE	161-170	Universidad Latinoamericana de Ciencia y Tecnología Costa Rica (ULACIT)	CR
118	Universidad Federal do Pará - UFPA	BR	161-170	Universidade Federal de Alfenas	BR
119	Universidade Estadual de Londrina	BR	161-170	Universidade Federal de Campina Grande	BR
120	Universidad de Las Américas (UDLA) Ecuador	EC	161-170	Universidade Federal do Mato Grosso do Sul	BR
121	Universidad Nacional del Sur	AR	171-180	Instituto Tecnológico de Santo Domingo (INTEC)	DO
122	Universidade do Vale do Rio Dos Sinos	BR	171-180	Pontificia Universidade Católica de Minas Gerais - PUC Minas	BR
123	Universidad Autónoma de Chile	CL	171-180	Universidad de la Costa	CO
124	ITESO, Universidad Jesuita de Guadalajara	MX	161-170	Universidad del Valle de Guatemala (UVG)	GT
125	Universidad Nacional de Mar del Plata	AR	171-180	Universidad del Valle de Mexico (UVM)	MX
126	Universidade Tecnológica Federal do Paraná	BR	171-180	Universidad Iberoamericana Puebla	MX
=127	Universidade Federal de Ouro Preto	BR	171-180	Universidad Nacional del Comahue	AR
=127	Universidade Federal do Rio Grande	BR	171-180	Universidad Rafael Landívar (URL)	GT
129	Universidad Nacional de Ingeniería Peru	PE	171-180	Universidad Tecnológica de Pereira	CO
130	Universidad de Tarapaca	CL	171-180	Universidade Federal do Amazonas	BR
=131	Universidad Central "Marta Abreu" de Las Villas	CU	171-180	Universidade Federal Rural do Rio de Janeiro	BR
=131	Universidad Nacional de la Asunción	PY	181-190	Universidad Autónoma Chapingo	MX
133	Universidad Federal de Itajubá	BR	181-190	Universidad Autónoma del Estado de Morelos (JAEM)	MX
=134	Universidad Alberto Hurtado	CL	181-190	Universidad Católica de Temuco	CL
=134	Universidad Nacional Agraria la Molina	PE	181-190	Universidad Central del Ecuador	EC
=134	Universidad San Ignacio de Loyola	PE	181-190	Universidad de Magallanes (UMAG)	CL
137	Universidad Tecnológica de Panamá (UTP)	PA	181-190	Universidad de Panama	PA
138	Universidad Autónoma de Baja California	MX	181-190	Universidad San Sebastián - Chile	CL
=139	Universidad Autónoma de San Luis de Potosí	MX	181-190	Universidade Federal de Alagoas	BR
=139	Universidad de La Serena	CL	181-190	University of West Indies at Mona	JM
=139	Universidade Federal de Goiás	BR	191-200	Escuela de Ingeniería de Antioquia - EIA	CO
142	Universidad Veracruzana	MX	191-200	Universidad Autónoma de Coahuila	MX
143	Universidad de Cuenca	EC	191-200	Universidad de Carabobo	VE
144	Universidad Autónoma del Estado de Hidalgo (UAEH)	MX	191-200	Universidad de Cartagena	CO
145	Universidad del Zulia	VE	191-200	Universidad de Colima	MX
=146	Universidad de Piura	PE	191-200	Universidad La Salle (ULSA)	MX
=146	Universidad de San Carlos de Guatemala - USAC	GT	191-200	Universidad Mayor	CL
=148	Universidad de Antofagasta	CL			
=148	Universidad de Medellín	CO			
=148	Universidad Mayor de San Andrés (UMSA)	BO			

191-200	Universidad Nacional Autónoma de Honduras (UNAH)	HN	201-250	Universidade Estadual de Feira de Santana	BR
191-200	Universidad Nacional de Río Cuarto - UNRC	AR	201-250	Universidade Estadual de Ponta Grossa	BR
191-200	Universidad Nacional de San Luis	AR	201-250	Universidade Estadual do Norte Fluminense	BR
191-200	Universidade Federal do Estado do Rio de Janeiro - UNIRIO	BR	201-250	Universidade Estadual do Oeste do Paraná	BR
201-250	Fundação Universidade Federal do Vale do São Francisco	BR	201-250	Universidade Federal de São João del-Rei UFSJ	BR
201-250	Fundación Universidad De Bogotá-Jorge Tadeo Lozano	CO	201-250	Universidade Federal do Maranhão	BR
201-250	Instituto Federal de Educação, Ciência e Tecnologia do Paraná - IFPR	BR	201-250	Universidade Federal do Pampa	BR
201-250	The University of Fortaleza-UNIFOR	BR	201-250	Universidade Federal do Triângulo Mineiro	BR
201-250	Universidad Autónoma de Aguascalientes	MX	201-250	Universidade Federal dos Vales do Jequitinhonha e Mucuri	BR
201-250	Universidad Autónoma de Campeche	MX	251-300	Anton de Kom Universiteit Van Suriname	SR
201-250	Universidad Autónoma de Ciudad de Juárez	MX	251-300	Dom Bosco Catholic University	BR
201-250	Universidad Autónoma de Guadalajara (UAG)	MX	251-300	Escuela Colombiana de Ingeniería Julio Garavito	CO
201-250	Universidad Católica de Colombia	CO	251-300	Federal University of Piauí	BR
201-250	Universidad Católica de Córdoba (UCC)	AR	251-300	Instituto Tecnológico de Sonora (ITSON)	MX
201-250	Universidad Católica de Santiago de Guayaquil	EC	251-300	National University of the Patagonia San Juan Bosco	AR
201-250	Universidad Católica del Maule	CL	251-300	St George's University - SGU	GD
201-250	Universidad Católica Nuestra Señora de la Asunción	PY	251-300	Universidad Abierta Interamericana - UAI	AR
201-250	Universidad Central de Chile	CL	251-300	Universidad Antonio Nariño (UAN)	CO
201-250	Universidad Científica del Sur	PE	251-300	Universidad Arturo Prat	CL
201-250	Universidad de Córdoba - Colombia	CO	251-300	Universidad Autónoma de Bucaramanga	CO
201-250	Universidad de La Salle	CO	251-300	Universidad Autónoma de Chihuahua	MX
201-250	Universidad de las Fuerzas Armadas ESPE (Ex - Escuela Politécnica del Ejército)	EC	251-300	Universidad Autónoma de Zacatecas	MX
201-250	Universidad de Los Lagos	CL	251-300	Universidad Autónoma del Caribe (UAC)	CO
201-250	Universidad de San Martín de Porres - USMP	PE	251-300	Universidad CES	CO
201-250	Universidad de Santander - UDES	CO	251-300	Universidad de Atacama	CL
201-250	Universidad de Sonora	MX	251-300	Universidad de Caldas	CO
201-250	Universidad del Atlántico	CO	251-300	Universidad de Cienfuegos Carlos Rafael Rodríguez	CU
201-250	Universidad del Salvador	AR	251-300	Universidad de Holguín	CU
201-250	Universidad Distrital Francisco José de Caldas	CO	251-300	Universidad de las Américas Chile (UDLA)	CL
201-250	Universidad EAN	CO	251-300	Universidad de Quintana Roo	MX
201-250	Universidad El Bosque	CO	251-300	Universidad de San Buenaventura	CO
201-250	Universidad ESAN	PE	251-300	Universidad del Azuay	EC
201-250	Universidad Iberoamericana (UNIBE)	DO	251-300	Universidad del Tolima	CO
201-250	Universidad Mayor de San Simón Cochabamba	BO	251-300	Universidad Francisco Marroquín (UFM)	GT
201-250	Universidad Michoacana de San Nicolás de Hidalgo	MX	251-300	Universidad Juárez del Estado de Durango	MX
201-250	UNIVERSIDAD POLITECNICA SALESIANA	EC	251-300	Universidad Nacional de Itapúa (UNI)	PY
201-250	Universidad Popular Autónoma del Estado de Puebla (UPAEP)	MX	251-300	Universidad Nacional de Salta	AR
201-250	Universidad Privada Boliviana	BO	251-300	Universidad Nacional de San Agustín de Arequipa	PE
201-250	Universidad Tecnica Particular De Loja (UTPL)	EC	251-300	Universidad Nacional de San Juan	AR
201-250	Universidad Tecnológica de la Habana José Antonio Echeverría, Cujae	CU	251-300	Universidad Nacional de Trujillo	PE
201-250	Universidad Tecnológica Metropolitana	CL	251-300	Universidad Ricardo Palma	PE
201-250	Universidad UTE	EC	251-300	Universidad Santa María la Antigua-USMA	PA
201-250	Universidade de Passo Fundo	BR	251-300	Universidad Santiago De Cali	CO
201-250	Universidade de Pernambuco	BR	251-300	Universidad Santo Tomás	CO
201-250	Universidade de Santa Cruz do Sul	BR	251-300	Universidad Santo Tomás - Chile	CL
			251-300	Universidad Tecnológica Centroamericana (UNITEC) - Honduras	HN
			251-300	Universidad Tecnológica de Bolívar	CO
			251-300	Universidad Tecnológica de México (UNITEC)	MX
			251-300	Universidade de Caxias do Sul	BR

251-300	Universidade de Ribeirão Preto	BR	301-350	Universidad Sergio Arboleda	CO
251-300	Universidade do Estado da Bahia	BR	301-350	Universidade do Estado do Pará	BR
251-300	Universidade do Estado de Santa Catarina	BR	301-350	Universidade do Vale Itajaí (UNIVALI)	BR
251-300	Universidade Federal de Mato Grosso	BR	301-350	Universidade Estadual da Paraíba	BR
251-300	Universidade Federal de Roraima	BR	301-350	Universidade Estadual de Goiás	BR
251-300	Universidade Federal do Acre	BR	301-350	Universidade Estadual de Montes Claros	BR
251-300	Universidade Nove de Julho (UNINOVE)	BR	301-350	Universidade Estadual do Centro-Oeste	BR
251-300	Universidade Vila Velha	BR	301-350	Universidade Luterana do Brasil	BR
251-300	University of Guyana	GY	301-350	Universidade Potiguar (UNP)	BR
301-350	CETYS Universidad	MX	301-350	Universidade Veiga de Almeida	BR
301-350	Federal Rural University of Pernambuco	BR	351-400	Corporación Universitaria Minuto de Dios	CO
301-350	Fundación Universitaria Konrad Lorenz	CO	351-400	Escuela Superior de Administracion Publica (ESAP)	CO
301-350	Universidad Argentina John F. Kennedy	AR	351-400	Escuela Superior Politécnica de Chimborazo (ESPOCH)	EC
301-350	Universidad Autónoma Benito Juárez de Oaxaca (UABJO)	MX	351-400	Instituto Tecnológico Metropolitano - ITM	CO
301-350	Universidad Autónoma de Chiriquí (UNACHI)	PA	351-400	Pontificia Universidad Católica de Puerto Rico	PR
301-350	Universidad Autónoma De Occidente	CO	351-400	Universidad Americana	PY
301-350	Universidad Autónoma de Sinaloa	MX	351-400	Universidad Autónoma de Asunción	PY
301-350	Universidad Autónoma del Carmen	MX	351-400	Universidad Autónoma de Chiapas	MX
301-350	Universidad Católica Boliviana "San Pablo"	BO	351-400	Universidad Autónoma de Guerrero	MX
301-350	Universidad Católica San Pablo, Arequipa	PE	351-400	Universidad Autónoma de Manizales	CO
301-350	Universidad Centroamericana "José Simeón Cañas" - UCA	SV	351-400	Universidad Autónoma de Nayarit	MX
301-350	Universidad Cooperativa de Colombia	CO	351-400	Universidad Autónoma de Santo Domingo	DO
301-350	Universidad de Ciencias Empresariales y Sociales (UCES)	AR	351-400	Universidad Autónoma de Tamaulipas	MX
301-350	Universidad de Ciencias y Artes de Chiapas	MX	351-400	Universidad Autónoma Nacional de Nicaragua-Managua - UNAN	NI
301-350	Universidad de Matanzas Camilo Cienfuegos	CU	351-400	Universidad Católica Cardenal Raúl Silva Henríquez - UCSH	CL
301-350	Universidad de Nariño	CO	351-400	Universidad Católica de Cuenca	EC
301-350	Universidad de Playa Ancha	CL	351-400	Universidad de Don Bosco	SV
301-350	Universidad del CEMA	AR	351-400	Universidad de El Salvador	SV
301-350	Universidad del Magdalena	CO	351-400	Universidad de Guayaquil	EC
301-350	Universidad Del Quindío	CO	351-400	Universidad de Ibagué	CO
301-350	Universidad del Valle de Atemajac	MX	351-400	Universidad de La Amazonía	CO
301-350	Universidad Finis Terrae	CL	351-400	Universidad de Manizales	CO
301-350	Universidad Interamericana de Puerto rico	PR	351-400	Universidad del Norte (UniNorte)	PY
301-350	Universidad Internacional de Ecuador	EC	351-400	Universidad del Viña del Mar	CL
301-350	Universidad Internacional SEK	EC	351-400	Universidad Ecotec	EC
301-350	Universidad Libre	CO	351-400	Universidad Galileo	GT
301-350	Universidad Militar Nueva Granada	CO	351-400	Universidad Interamericana de Panamá	PA
301-350	Universidad Nacional de Chimborazo	EC	351-400	Universidad Juárez Autónoma de Tabasco	MX
301-350	Universidad Nacional de Entre Ríos	AR	351-400	Universidad Latina de Panamá	PA
301-350	Universidad Nacional de La Matanza	AR	351-400	Universidad Marista	MX
301-350	Universidad Nacional de la Pampa	AR	351-400	Universidad Mayor de San Francisco Xavier	BO
301-350	Universidad Nacional de Misiones	AR	351-400	Universidad Nacional de General Sarmiento	AR
301-350	Universidad Nacional de Tres de Febrero	AR	351-400	Universidad Nacional de Lomas de Zamora	AR
301-350	Universidad Nacional del Nordeste	AR	351-400	Universidad Nacional de Lujan	AR
301-350	Universidad Nacional del Noroeste de la Provincia de Buenos Aires	AR	351-400	Universidad Nacional de San Antonio Abad del Cusco	PE
301-350	Universidad Nacional Pedro Henríquez Ureña	DO	351-400	Universidad Nacional del Altiplano	PE
301-350	Universidad Politécnica de Puerto Rico	PR	351-400	Universidad Nacional Federico Villarreal - UNFV	PE
301-350	Universidad Privada del Norte	PE	351-400	Universidad Privada del Valle (Univalle) - Bolivia	BO
301-350	Universidad Privada Norbert Wiener	PE	351-400	Universidad Regiomontana	MX

351-400	Universidad Simón Bolívar Colombia	CO
351-400	Universidad Técnica de Manabí	EC
351-400	Universidad Tecnológica del Centro (UNITEC)	VE
351-400	Universidade Anhembi Morumbi (UAM)	BR
351-400	Universidade do Estado de Minas Gerais (UEMG)	BR
351-400	Universidade do Vale do Paraíba (UNIVAP)	BR
351-400	Universidade Estadual do Maranhão	BR
351-400	Universidade Estadual do Rio Grande do Sul	BR
351-400	Universidade Positivo	BR
351-400	Universidade Regional de Blumenau	BR
351-400	Universidade Salvador	BR

401+	Catholic University of Manizales	CO
401+	Centro Universitário Ritter dos Reis (UniRitter)	BR
401+	Escuela Colombiana de Carreras Industriales - ECCI	CO
401+	Fundación Universitaria del Area Andina	CO
401+	Universidad APEC (UNAPEC)	DO
401+	Universidad Bellosó Chacín	VE
401+	Universidad Católica del Salvador	SV
401+	Universidad Central del Este	DO
401+	Universidad Centroamericana (UCA)	NI
401+	Universidad César Vallejo	PE
401+	Universidad Continental	PE
401+	Universidad Cuauhtémoc	MX
401+	Universidad de los Llanos	CO
401+	Universidad de Occidente	MX
401+	Universidad de Pamplona	CO
401+	Universidad del Caribe	MX
401+	Universidad del Caribe (UNICARIBE)	DO
401+	Universidad del Distrito Federal	MX
401+	Universidad del Istmo (UDI)	PA
401+	Universidad Dominicana O&M (EXAE)	DO
401+	Universidad Estatal de Sonora	MX
401+	Universidad Evangelica de El Salvador	SV
401+	Universidad Federico Henríquez y Carvajal	DO
401+	Universidad Francisco Gavidía	SV
401+	Universidad Mexiquense Del Bicentenario	MX
401+	Universidad Nacional de Lanús	AR
401+	Universidad Nacional del Pilar	PY
401+	Universidad Pedagógica Nacional Francisco Morazán (UPNFM)	HN
401+	Universidad Regional Autonoma de los Andes	EC
401+	UNIVERSIDAD SIGLO 21	AR
401+	Universidad Tec Milenio	MX
401+	Universidad Technologica Privada de Santa Cruz	BO
401+	Universidad Técnica de Oruro	BO
401+	Universidad Tecnológica de El Salvador (UTEC)	SV
401+	Universidad Tecnológica de Honduras (UTH)	HN
401+	Universidad UNIACC	CL
401+	University of Technology - Jamaica	JM

Arab Region

A Region in Motion

By Dr Ashwin Fernandes

For centuries, the Middle East has been the centre of great civilisations, interlined trading routes and vast cultural interventions. It has been the connecting link from early Mesopotamians to the bustling bazaars of the Arabian Peninsula for thousands of years between the East and the West. Its historical importance goes beyond geographical setting, encompassing the rich intellectual and artistic greatness which has influenced humanity throughout time.

Today in the rapidly connecting world, the Middle East stands at the crossroads where tradition and modernity meet, accelerating social change and economic amenities while carrying the identity of culture. There is an unprecedented revolution driven by economic diversification, technological advancement, and youth who are aspirational and ambitious.

Governments and private sectors are heavily investing in the region in terms of infrastructure development, sustainability and digital transformation. This makes the Middle East one of the most exciting regions in the world for the future of development and progress. A major driving force is education- how people learn, share, and apply knowledge.

The commitment to fostering opportunity and learning can be seen in the changing landscape of higher education, in strategic government policies and investments in research and technology. As we enter the 21st century, education is not only shaping the region's economic future, but it is also redefining the region's place in the global arena.

A historical legacy of knowledge and learning

Commonly acknowledged as the cradle of both civilisations and intelligence and cultural development, the Middle East has been the center for early Mesopotamian societies that laid the foundations for writing and governance to the great libraries of the Islamic Golden Age, the region has played a foundational role in shaping the global knowledge today.

Cities like Baghdad were the intellectual powerhouses for the scholars who translated, preserved and developed Greek and Persian that laid the very foundations of modern science, medicine and philosophy. The Islamic Golden Age (8th to 14th centuries) truly laid the foundation for philosophical thought, providing extraordinary advances with regard to mathematics, astronomy, and medicine.

Scholars like Al-Khwarizmi, known as the father of algebra, and Ibn Sina who's medical encyclopedias influenced European medicine for centuries highlight the regions contribution to the pool of knowledge. Moreover, vast trade networks facilitated the exchange of ideas between Asia, Africa, and Europe further rekindling the place of the Middle East as a hub of learning and innovation.

Throughout centuries, the Middle East has been the cradle of civilisations, with being home to the some of the first human settlements, to trade empires and cultural centres. The Fertile Crescent known as 'Cradle of Civilisation' witnessed the birth of agriculture, writing systems, and early governance models.

The historical cities like Babylon and Damascus served as the vibrant centres

for commerce, diplomacy, and artistic expression, drawing travellers and scholars from around the world.

Modern aspirations for education in the region continue to be shaped by this intellectual heritage. Traditionally associated with civilisations in the Middle East, the guiding principles of knowledge and discovery are now evident in the current endeavour to establish world-class universities, research institutions and knowledge-driven economies. As the region reclaims its place in the global academic stage, its historical reverence serves as both inspiration and driving power for future educational advancement.

The modern socio-economic and cultural landscape

The Middle East has become an increasingly dynamic and diverse region, characterised by rapidly expanding urbanisation, economic diversification and cultural preservation. While historically dependent on oil and gas, a growing number of Middle Eastern countries are now investing in non-oil industries, such as finance, technology, tourism and education.

This shifting economy accompanied with infrastructure projects, digital transformations and new policies meant to advance sustainable development. Technological advancements are accelerating region's advancements. Smart cities, artificial intelligence, fintech and renewable energy projects are making the Middle East a world-class centre for innovation.

This has provided a fertile ground for entrepreneurship, particularly for startups in e-commerce, clean energy and digital finance. Additionally, sustainability initiatives-investments in green energy and carbon neutral cities serve to highlight reopening the region to the world with a long-term vision of economic resilience. The region is expected to see their digital economy reach \$400 billion by 2030 underlining the region's commitment to innovation and modernisation.

Culturally, the region balances centuries-old traditions and contemporary global influences. Social norms, artistic expressions and media diversity reflect a fusion of heritage and modernity. With a huge youth population where nearly 60 percent of the population is under the age of 30 and advancing global connectivity, the Middle East is experiencing a cultural renaissance in areas such as education, entrepreneurship, and digital innovation.

Higher education: A region in evolution

Education is emerging as a central pillar in the development of the Middle East. Governments and private institutions are investing heavily in higher education to build human capital that will drive economic growth. In the past decade, the number of universities being opened in the Middle East has grown tremendously to meet student demand.

Countries in the Middle East have introduced policies designed to enhance the quality of education, boost research output, and align academic programs with labour market demands. Education expenditures in some countries have gone beyond 5 percent of GDP, showing the high level of commitment to academic excellence.

Moreover, the virtual education platforms, AI based learning and open access research initiatives are turning out to be beneficial for the region in expanding opportunities for students, while the e-learning market is expected to reach \$30 billion by 2027. Increased funding towards scientific research and technology enabled education



is nurturing a culture of inquiry and problem solving as R&D spending in the Middle East has increased by nearly 20 percent in the last five years.

Investments in education are paying off. With high number of student population in the Middle East in the next decade, prompting governments to allocate large budgets towards educational reform. Private institutions and collaboration with foreign institutions are growing, ensuring students can receive globally competitive training.

Moreover, the push towards STEM (Science, Technology, Engineering, and Mathematics) education and vocational training are laying the foundation for a new generation to prepare for future job market focused on AI, renewable energy and digital economy sectors.

By 2030, nearly 70 percent of newly created jobs will require skills specific to STEM, highlighting the importance of future-forward strategies in education. Despite the educational priorities, there are multiple complexities. Efforts to strike a balance between modern curricula and cultural traditions, broaden access to quality education and introducing emerging technologies into learning systems are still ongoing. These trends in near future will have considerable ramifications for the long term academic and economic landscape of the region.

As the Middle East continues to grow, new developments indicate the region's commitment towards learning. Teaching and learning are now truly revolutionising through the use of AI, virtual reality, and digital classrooms. The promotion of innovation and academic excellence is the result of partnerships between government, universities, and different stakeholders.

Moreover, technical education and professional training are expanding to bridge the skill gap between students and workforce, while global academic collaborations reinforcing cross-cultural learning and research. Universities are incorporating sustainability focused curricula and research programs to address global challenges.

Such developments are indicative of the region's commitment to education as a way towards long-term social and economic development. Reforms in education indicates a significance transformation in the Middle East. With a rich history, the region is taking bold steps towards the future with incorporating reforms in education, technological integration, and research-based growth.

In addition to education, the region's socio-economic transformation, cultural dynamism, and technological advancement is making the Middle East an exciting hub of innovation. With knowledge being the new currency of development, the Middle East is placing itself in a position that could make it a truly global leader in learning, entrepreneurship, and digital transformation.

The changing education landscape narrates not just the aspirations of the region but also its resilience for adapting to a constantly changing world.

Originally published in the Arab Region Supplement of QS Insights Magazine 27, March 2025.

1	King Fahd University of Petroleum & Minerals	SA	51	Kuwait University	KW
2	Qatar University	QA	52	Al-Quds University	PS
3	King Saud University	SA	53	Assiut University	EG
4	Khalifa University of Science and Technology	AE	54	German Jordanian University	JO
5	United Arab Emirates University	AE	55	The Hashemite University	JO
6	American University of Beirut (AUB)	LB	56	Holy Spirit University of Kaslik	LB
7	King Abdulaziz University (KAU)	SA	=57	Northern Borders University	SA
8	Sultan Qaboos University	OM	=57	Prince Sultan University	SA
9	University of Jordan	JO	59	Arab Academy for Science, Technology and Maritime Transport	EG
10	American University of Sharjah	AE	60	Mutah University	JO
11	King Khalid University	SA	61	American University of Ras Al Khaimah (AURAK)	AE
12	Abu Dhabi University	AE	62	Université de Sfax	TN
13	The American University in Cairo	EG	63	An-Najah National University	PS
14	Imam Abdulrahman Bin Faisal University (IAU) (formerly UNIVERSITY OF DAMMAM)	SA	64	University of Nizwa	OM
15	Prince Mohammad Bin Fahd university	SA	65	University of Balamand	LB
16	Jordan University of Science & Technology	JO	66	Helwan University	EG
17	Ajman University	AE	=67	University of Business and Technology	SA
18	Hamad Bin Khalifa University	QA	=67	Zagazig University	EG
19	Umm Al-Qura University	SA	69	Mustansiriyah University	IQ
20	Zayed University	AE	70	British University in Dubai	AE
21	Cairo University	EG	71	Alfaisal University	SA
22	University of Sharjah	AE	72	Arabian Gulf University	BH
23	American University of the Middle East	KW	73	University of Basrah	IQ
24	Canadian University Dubai	AE	74	Al Nahrain University	IQ
25	Applied Science University - Bahrain	BH	75	University of Kufa	IQ
26	Lebanese University	LB	76	Taif University	SA
27	Al Ain University	AE	77	University of Bahrain	BH
28	Ain Shams University	EG	78	Tanta University	EG
29	Beirut Arab University	LB	79	Birzeit university	PS
30	Princess Nourah bint Abdulrahman University	SA	80	Jazan University	SA
31	Lebanese American University	LB	81	German University in Cairo	EG
32	Alexandria University	EG	=82	Prince Sattam Bin Abdulaziz University	SA
33	Ahlia University	BH	=82	University of Hail	SA
34	King Faisal University	SA	=84	Al-Balqa Applied University	JO
35	Imam Mohammad Ibn Saud Islamic University - IMSIU	SA	=84	Effat University	SA
36	Gulf University for Science and Technology	KW	86	University of Babylon	IQ
37	Qassim University	SA	87	Dhofar University	OM
=38	Mansoura University	EG	88	University of Bisha	SA
=38	University of Baghdad	IQ	89	University of Tabuk	SA
40	Jouf University	SA	90	British University in Egypt	EG
41	Islamic University of Lebanon	LB	91	University of Dubai	AE
42	Yarmouk University	JO	92	University Of Monastir	TN
43	Al-Ahliyya Amman University	JO	93	Majmaah University	SA
44	Université de Tunis El Manar	TN	94	Université de Carthage	TN
45	American University in Dubai	AE	95	Université Mohammed V de Rabat	MA
46	Princess Sumaya University for Technology	JO	96	Islamic University of Gaza	PS
47	Al-Azhar University	EG	97	Université de Sousse	TN
=48	Applied Science Private University - Jordan	JO	=98	Taibah University	SA
=48	Saint Joseph University of Beirut (USJ)	LB	=98	University of Technology - Iraq	IQ
50	Future University in Egypt	EG	100	Sohar University	OM
			101	Notre Dame University-Louaize NDU	LB

102	University of Khartoum	SD	151-160	Damietta University	EG
103	American University in the Emirates	AE	151-160	Delta University for Science & Technology	EG
=104	Saudi Electronic University	SA	151-160	Ferhat Abbas Setif University 1	DZ
=104	Suez Canal University	EG	151-160	Nile University	EG
=104	Université de Tunis	TN	151-160	Ninevah University	IQ
107	Beni-Suef University	EG	151-160	Palestine Polytechnic University	PS
=108	Al Zaytoonah University	JO	151-160	Shaqra University	SA
=108	Cadi Ayyad University	MA	151-160	South Valley University	EG
110	Amman Arab University	JO	151-160	Université des Sciences et de la Technologie Houari-Boumediene	DZ
=111	Tishk International University	IQ	151-160	University of Hafr Albatin	SA
=111	University of Anbar	IQ	161-170	A'Sharqiyah University	OM
113	University of Kerbala	IQ	161-170	Isra University - Jordan	JO
=114	Benha University	EG	161-170	Port Said University	EG
=114	National University of Science and Technology	OM	161-170	Sudan University of Science and Technology	SD
116	German University of Technology in Oman (GUTECH)	OM	161-170	Tafila Technical University	JO
117	University of Sulaimani	IQ	161-170	Université Badji Mokhtar de Annaba	DZ
118	Middle East University Jordan	JO	161-170	Université Mentouri de Constantine	DZ
119	Philadelphia University at Jordan	JO	161-170	University of Benghazi	LY
120	University of Mosul	IQ	161-170	University of Sadat City	EG
121	Al Furat Al Awsat Technical University	IQ	161-170	Zarqa University	JO
122	Palestine Technical University - Kadoorie	PS	171-180	Al Azhar University of Gaza	PS
123	Soran University	IQ	171-180	American University of Science and Technology	LB
124	Kafrelsheikh University	EG	171-180	Arab Open University	KW
125	Najran University	SA	171-180	Misr International University	EG
126	Al Baha University	SA	171-180	October 6 University	EG
127	Minia University	EG	171-180	Tikrit University	IQ
128	Al Albayt University	JO	171-180	Université de Jendouba	TN
129	Université internationale de Rabat	MA	171-180	Université des Sciences et de la Technologie d'Oran Mohamed Boudiaf	DZ
=130	Université Sidi Mohamed Ben Abdellah	MA	171-180	Université Djillali Liabes	DZ
=130	University of Jeddah	SA	171-180	University of Diyala	IQ
=132	Islamic University of Madinah	SA	171-180	University of Elmergib	LY
=132	Université Abou Bekr Belkaid Tlemcen	DZ	181-190	Bethlehem University	PS
134	Arab American University-Jenin	PS	181-190	Jinan University	LB
=135	Al Hussein bin Talal University	JO	181-190	MISR University for Science & Technology	EG
=135	University of Petra	JO	181-190	Sohag University	EG
=137	Al Akhawayn University Ifrane	MA	181-190	Suez University	EG
=137	Fayoum University	EG	181-190	The University of Kurdistan Hewlêr	IQ
139	Université Hassan II de Casablanca	MA	181-190	Université de Gabès	TN
140	University of Duhok	IQ	181-190	Université de M'Sila	DZ
=141	Menoufia University	EG	181-190	University of Alqadisiyah	IQ
=141	Salahaddin University - Erbil	IQ	191-200	Dar Al Uloom University	SA
143	Université Ibn Tofail	MA	191-200	Nahda University	EG
144	Université 8 Mai 1945 Guelma	DZ	191-200	Université de Bejaia	DZ
145	Damascus University	SY	191-200	Université Larbi Ben Mhidi - Oum El Bouaghi	DZ
146	October University for Modern Sciences and Arts (MSA)	EG	191-200	Université Libanaise Internationale	LB
147	University of Tripoli	LY	191-200	Université Mohammed Premier UMP	MA
148	Universitaire de La Manouba	TN	191-200	University of Science & Technology, Yemen	YE
=149	Aswan University	EG	191-200	Wasit University	IQ
=149	Jadara University	JO	191-200	World Islamic Sciences and Education University	JO

201-250	Al Aqsa University	PS
201-250	Al Iraqia University	IQ
201-250	Al Muthanna University	IQ
201-250	Al Neelain University	SD
201-250	Al-Yamamah University	SA
201-250	Alzaiem Alazhari University	SD
201-250	BMU Lebanese French University Iraq	IQ
201-250	Hadhramout University	YE
201-250	Hebron University	PS
201-250	Irbid National University	JO
201-250	Jerash Private University	JO
201-250	Kassala University	SD
201-250	Middle technical University	IQ
201-250	Misurata University	LY
201-250	National University	SD
201-250	Northern Technical university	IQ
201-250	Omar Al Mukhtar University	LY
201-250	Pharos University in Alexandria	EG
201-250	Rafik Hariri University	LB
201-250	Royal University for Women	BH
201-250	Sana'a University	YE
201-250	Sebha University	LY
201-250	Southern Technical University	IQ
201-250	Thamar University	YE
201-250	Tishreen University	SY
201-250	Université Abdelmalek Essaadi	MA
201-250	Université Amar Telidji – Laghouat	DZ
201-250	Université Antonine	LB
201-250	Université de Batna	DZ
201-250	Université de Djibouti	DJ
201-250	Université de Nouakchott	MR
201-250	Université d'Oran	DZ
201-250	Université M'Hamed Bougara de Boumerdes	DZ
201-250	Université Mouloud Maameri - Tizi Ouzou	DZ
201-250	Université Saad Dahlab – Blida 1	DZ
201-250	Université Sultan Moulay Slimane	MA
201-250	University of Aden	YE
201-250	University of Aleppo	SY
201-250	University of Bahri	SD
201-250	University of Fallujah	IQ
201-250	University of Gezira	SD
201-250	University of Ibb	YE
201-250	University of Kirkuk	IQ
201-250	University of Nyala	SD
201-250	University of Thi-Qar	IQ
201-250	University of Zawia	LY

Best Student Cities

The Happiness Index

By Nick Harland

A decade or so ago, when Ira Bedzow was building his career in real estate, he could scarcely have imagined the path his career would have taken since then. Bedzow no longer works in the same industry, which is fairly normal, as the modern generation changes jobs more frequently than ever before. The most fascinating thing about Bedzow's career change - he's now working in a role that was barely conceivable even a decade ago.

Today, Bedzow is the Executive Director of the Purpose Project, part of the Student Flourishing initiative at Emory University in the US. The initiative helps students get the most out of their time at college by supporting them in four pillars: academic experience, community and wellbeing, purpose and meaning, and professional pathways. It's an example of the new, modern approach to student wellbeing at universities: one that goes beyond surveys and towards a more complex, data-driven approach.

"The intention behind the Student Flourishing initiative was to reimagine university education [as a wider experience], as opposed to university education being simply giving students information in their classes," Bedzow tells *QS Insights Magazine*. For instance, Emory's community and wellbeing pillar isn't just about providing mental and physical health services to students, he points out. "It's also about social atomisation and alienation, and the effects they have on our health. Looking at it in terms of what health and wellness looks like as communities and not simply as individuals."

The initiative starts from day zero of a student's time at Emory. When they first set foot on campus, they will have the opportunity to attend a pre-orientation meeting with more senior students. In these meetings, students discuss their personal motivations for coming to Emory and what they're hoping to get out of their degree beyond a piece of paper. This approach differs from the norm - students don't go to a purpose class or attend a wellbeing workshop. Instead, the four pillars are integrated within existing curriculum and become part of each university programme.

Bedzow is responsible for the pillar of purpose and meaning, where he works with students to strategise on achieving things in life that are "meaningful to them and consequential for their world". While it might sound intense for 18-year old undergrads, Bedzow argues that it's absolutely necessary for the current generation of students. "It gives them the confidence and the contentment to pursue things that speak to who they are and who they want to be, with the empowerment that they know how to get there. Or at the very least, we're helping to show them how they can get there."

Yet one of the many challenges surrounding student wellbeing is that it can never take on a one-size-fits-all approach. What works for a first-year fine art student may not work for a 30-year old MBA student, who are at different points in their lives and careers. Universities are now starting to understand that. Life Design for the Modern MBA is a new course at Emory, which aims to help MBA students find a better work-life balance after they graduate.

"When you are graduating from your MBA program in the US, you are getting really close to having a family - if that's the choice you're making," explains course leader Marina Cooley, who is also Assistant Professor in the Practice of Marketing. "So we have

to prepare students a little more for what a good work-life balance looks like, and what different options are available to manage both family and career.”

Work-life balance isn't the only consideration of the Life Design course, however. It also factors in the responsibilities that these students will have in their post-MBA career. “Everything about the curriculum is geared towards people that will be middle managers, almost immediately on hire,” Cooley explains. “They will have direct reports straight away, and they will be managing the Gen Z workforce, who have much different expectations of work-life balance. It means you have to learn how to motivate people to work the hours that they're willing to work.”

It's still early days as Student Flourishing was launched in 2021 and Life Design for the Modern MBA began in 2023, but the initial signs suggest these initiatives are working well. Cooley's course is already oversubscribed, while Bedzow's measures of success - student satisfaction, retention, contentment - are all on the rise. Emory was also recently ranked as the 7th happiest university in the country by *The Princeton Review*.

Wellbeing initiatives in higher education are not just limited to single university departments. The Happiness Business School is - as you can probably guess - an entire business school dedicated to happiness. Students at the Lisbon-based institution can learn how to implement an Organisational Happiness Plan, become an officially-certified Happiness Manager, or even study an entire MBA in Organisational Happiness. According to Executive Director Madalena Carey, the idea behind these courses is that they will have a knock-on effect on future generations of workers.

“When people are fulfilled, they perform better, innovate more and build stronger, more sustainable businesses,” she says. “When universities prioritise wellbeing, they don't just create happier students: they create future leaders who demand the same from their workplaces.”

Although Carey, Cooley and Bedzow are approaching the topic from different angles, one issue binds them together: the difficulty in measuring happiness. Traditionally, schools might have just used surveys, where students are asked to rate their happiness out of 10. But such surveys only reflect their happiness at that given moment, and doesn't really reflect its complex nature. “Happiness isn't an end point - it's a journey,” points out Carey.

Both Bedzow and Cooley admit that it may take several years to gather enough data to really measure the success of their programmes. And even then, there are so many metrics out there that it can be difficult to focus on the right ones. Many universities are therefore leaning on external companies to help them gather and analyse the right data.

Leo Hanna is the Executive Vice President UK of TechnologyOne, a firm which develops software solutions for large organisations such as universities. He says that many universities are still struggling to “connect the dots” when it comes to student wellbeing.

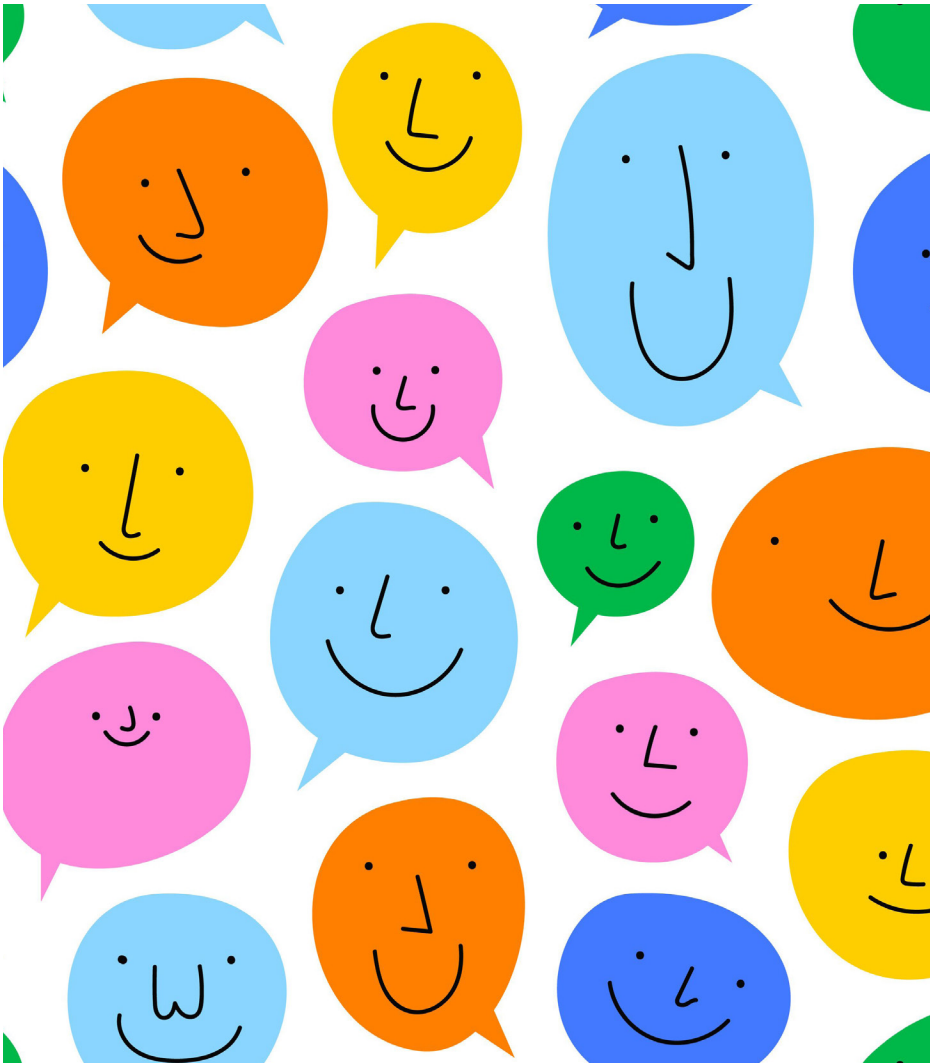
“When engagement data sits alone, early warning signs - like a drop in attendance or missed deadlines - can be overlooked,” he says. “But when schools take a proactive, data-driven approach, they can intervene early and take meaningful action.” He adds that this not only helps students feel supported, but can also improve retention rates and overall course satisfaction.

Being able to accurately measure happiness will be increasingly important for universities in the coming years. Students today are facing a unique cocktail of challenges

- economic uncertainty, financial stress, digital overload - and growing drop-out rates across the globe suggest that universities aren't dealing with them well enough.

Yet there's more to it than that. This increased focus on happiness also reflects a generational shift in attitudes towards work and study. Whether or not universities can adapt to it will surely prove to be their biggest challenge. "Students today are so savvy about the kind of lives they want to live," says Cooley. "And I think they're looking at a lot of people in my millennial generation and Gen X and they're like: whatever that is, I don't want that. I want to build something different."

Originally published in QS Insights Magazine 27, March 2025.



1	London	United Kingdom	51	Nottingham	United Kingdom
2	Tokyo	Japan	52	Milan	Italy
3	Seoul	South Korea	53	Leeds	United Kingdom
4	Munich	Germany	54	Liverpool	United Kingdom
5	Melbourne	Australia	54	Rome	Italy
6	Sydney	Australia	56	Brussels	Belgium
7	Paris	France	57	Ottawa	Canada
8	Zurich	Switzerland	58	Warsaw	Poland
9	Berlin	Germany	59	Bangkok	Thailand
10	Montreal	Canada	60	Lisbon	Portugal
11	Toronto	Canada	61	Belfast	United Kingdom
12	Osaka	Japan	62	Istanbul	Turkey
13	Edinburgh	United Kingdom	63	Budapest	Hungary
14	Vienna	Austria	64	Sheffield	United Kingdom
15	Singapore	Singapore	65	Philadelphia	United States
16	Boston	United States	66	Helsinki	Finland
17	Lausanne	Switzerland	67	Brno	Czech Republic
18	New York	United States	68	Turin	Italy
19	Vancouver	Canada	69	San Diego	United States
20	Amsterdam	Netherlands	70	Washington DC	United States
20	Stockholm	Sweden	71	Aberdeen	United Kingdom
22	Hong Kong	Hong Kong SAR	72	Atlanta	United States
23	Kuala Lumpur	Malaysia	72	Dubai	United Arab Emirates
24	Auckland	New Zealand	74	Daejeon	South Korea
25	Brisbane	Australia	75	Cairo	Egypt
26	Taipei	Taiwan	76	Oslo	Norway
27	Manchester	United Kingdom	77	Brighton	United Kingdom
28	Adelaide	Australia	78	Almaty	Kazakhstan
29	Canberra	Australia	79	Christchurch	New Zealand
29	San Francisco	United States	80	Pittsburgh	United States
31	Beijing	China (Mainland)	81	Cape Town	South Africa
32	Dublin	Ireland	82	Ankara	Turkey
33	Glasgow	United Kingdom	83	Amman	Jordan
34	Madrid	Spain	84	Hsinchu	Taiwan
35	Perth	Australia	85	Mexico City	Mexico
36	Leuven	Belgium	86	Johannesburg	South Africa
37	Copenhagen	Denmark	87	Nanjing	China (Mainland)
37	Los Angeles	United States	88	Doha	Qatar
39	Newcastle upon Tyne	United Kingdom	88	Seattle	United States
40	Prague	Czech Republic	90	Valencia	Spain
41	Barcelona	Spain	91	Abu Dhabi	United Arab Emirates
42	Buenos Aires	Argentina	91	Krakow	Poland
43	Coventry	United Kingdom	93	Gold Coast	Australia
44	Chicago	United States	94	Durham	United States
45	Bristol	United Kingdom	94	Leicester	United Kingdom
46	Shanghai	China (Mainland)	96	Graz	Austria
47	Lyon	France	97	Riyadh	Saudi Arabia
48	Birmingham	United Kingdom	97	Sao Paulo	Brazil
49	Gothenburg	Sweden	97	Tainan	Taiwan
50	Santiago	Chile	97	Toulouse	France

101	Sharjah	United Arab Emirates
102	Stuttgart	Germany
103	Manila	Philippines
104	Wuhan	China (Mainland)
105	Athens	Greece
106	Houston	United States
107	Baltimore	United States
108	Nagoya	Japan
109	Subang Jaya	Malaysia
110	Bogota	Colombia
111	Delhi	India
112	Monterrey	Mexico
113	Mumbai	India
114	Beirut	Lebanon
115	Miami	United States
116	Riga	Latvia
117	Taichung	Taiwan
117	Yogyakarta	Indonesia
119	Pretoria	South Africa
120	Jakarta	Indonesia
120	Jeddah	Saudi Arabia
120	Wroclaw	Poland
123	Shah Alam	Malaysia
123	Vilnius	Lithuania
125	Astana	Kazakhstan
126	Lima	Peru
126	Taoyuan District	Taiwan
128	Quebec City	Canada
129	Izmir	Turkey
130	Bangalore	India
130	Bratislava	Slovakia
132	Bandung	Indonesia
133	Guangzhou	China (Mainland)
134	Dallas	United States
135	Cluj-Napoca	Romania
136	Busan	South Korea
137	Tianjin	China (Mainland)
138	Montpellier	France
138	Poznan	Poland
140	Chennai	India
141	Dhaka	Bangladesh
142	Surabaya	Indonesia
143	Bucharest	Romania
143	Macau	Macau SAR
143	Tallinn	Estonia
146	Rio de Janeiro	Brazil
147	Kaunas	Lithuania
148	Alexandria	Egypt
148	Harbin	China (Mainland)
150	Xi'an	China (Mainland)



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 WORLD UNIVERSITY RANKINGS	QS WUR 2026	#=331
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QS Asia 2025	#89
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QS Central Asia 2025	#3
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QS Sustainability	#=771
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IQAA Technical Universities	#1 in KZ
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THE Impact 2025-Quality Education	#101-200
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UI GreenMetric 2024	#859
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CityU Hong Kong  香港城市大學 City University of Hong Kong
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Penn State University  PennState
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Colorado School of Mines  COLORADO SCHOOL OF MINES
--

University of Lorraine  UNIVERSITÉ DE LORRAINE Membre d'UNYS
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Subject Rankings

The Price of Innovative Science	176
Arts & Humanities	182
The Evolution of Interdisciplinary Learning	183
Ranks	187
Top 100 by individual subject: Arts & Humanities	193
Engineering & Technology	208
The overwork myth	209
Ranks	212
Top 100 by individual subject: Engineering & Technology	218
Life Sciences & Medicine	226
Playing the Business Game	227
Ranks	233
Top 100 by individual subject: Life Sciences & Medicine	239
Natural Sciences	248
Communicating Science	249
Ranks	255
Top 100 by individual subject: Natural Sciences	261
Social Sciences & Management	270
Hustlers	271
Ranks	275
Top 100 by individual subject: Social Sciences & Management	281

The Price of Innovative Science

By Julie Hoeflinger

In a study published recently, ChatGPT outperformed university students in an undergraduate psychology exam. What's more, the essays written by artificial intelligence went undetected 94 percent of the time by exam markers. Such studies seem to be growing in number, leading to strengthened fears that ChatGPT and other artificial intelligence technologies will be the death of human creativity.

Are we already becoming less creative problem solvers? In certain fields, we have seen a quantifiable reduction in innovation. A study published last year in *Nature* reported a decline in disruptive science over time, with disruptive science being defined as, "work that breaks with the status quo and carves out new directions for scientific inquiry". Another paper published in 2020 also touches on the same issue, with the title, "Are ideas getting harder to find?"

The authors found that current research findings are "less likely to connect disparate areas of knowledge" and more likely to "rely on a narrower set of existing knowledge", suggesting that one way researchers could be more productive is by using more diverse work.

However, other experts point to a flawed funding system and the growing bureaucracy of science. Despite grant applications eating up more and more of researchers' time, grant approval rates continue to drop: the overall success rates for research grant applications hover just around 20 percent.

So, then, who's to blame for declining creativity in research? ChatGPT? Scientists? Funders? Is it true that ideas are getting harder to find?

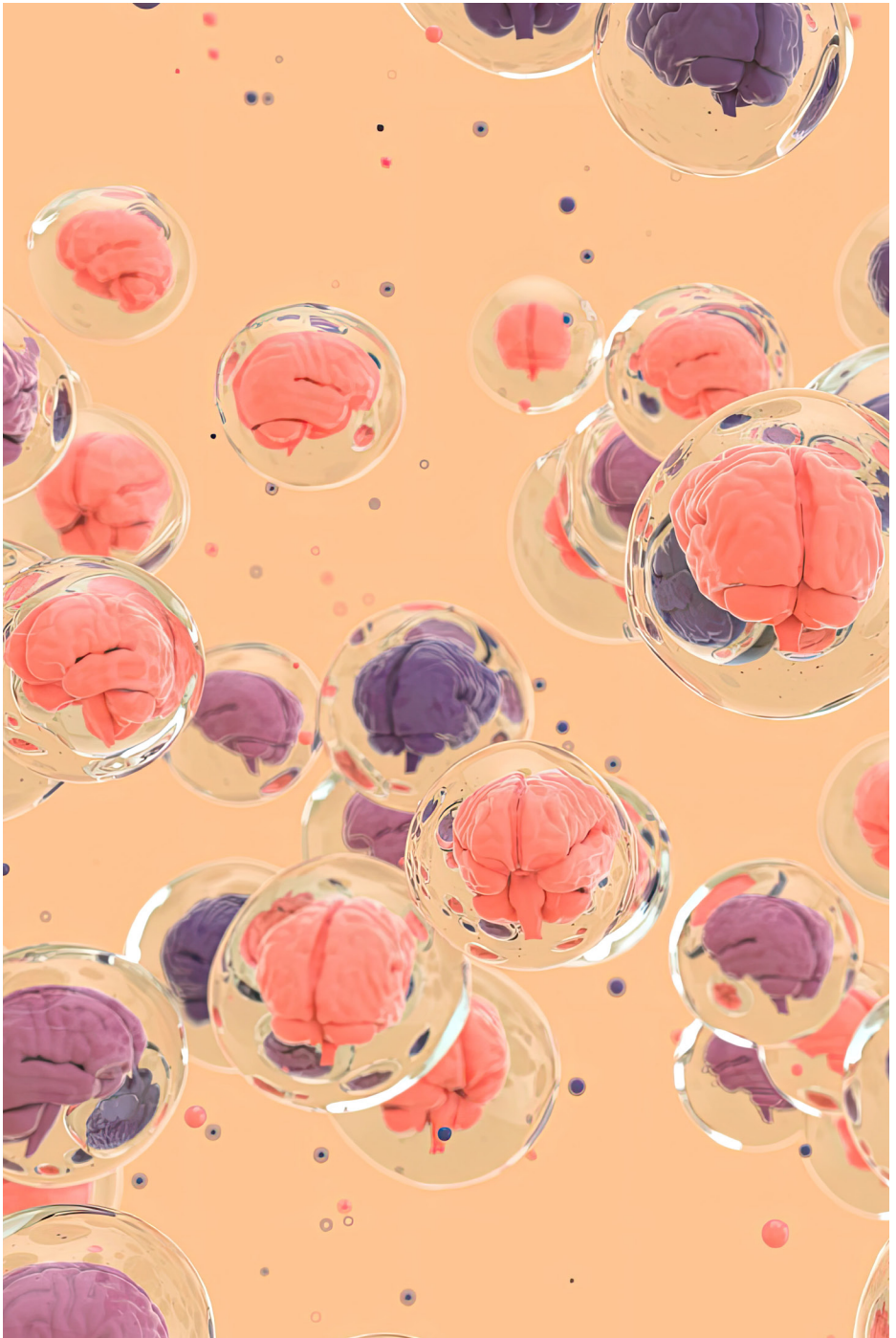
Pressure paves the road to AI's assistance

Researchers face extreme competition, with the number of annual publications surpassing a record-breaking 9 million articles in 2023, and are under additional pressure to get their papers published in prestigious scientific journals in order to receive high evaluations and further funding. They also spend a hefty amount of time just doing administrative tasks, with grant writing taking percent of their time. As a result, many scientists are being drawn to ChatGPT.

Not long after ChatGPT became open to the public in 2022, scientific journals began seeing papers submitted with ChatGPT listed as a co-author. Several journals, including Springer-Nature and Science, quickly took action by prohibiting AI-generated text from being included in submissions. And for good reason: scientific papers that included ChatGPT's writing posed a number of problems, such as the tendency of AI to combine sources, including factual inaccuracies and using repetitive, homogenised language.

Regardless, ChatGPT isn't necessarily to blame for declining innovation in scientific research. Kanta Dihal, a Lecturer in Science Communication at Imperial College London with a specialisation in narratives about artificial intelligence, sheds light on the use of ChatGPT in research.

While noting the detriment of cases where ChatGPT has written entire papers, Dihal points out one stage of the research process that could potentially benefit from AI: grant writing.



“There’s a lot of criticism about the grant application process stifling creativity and originality, especially super original, wildly out-there research,” Dihal explains. “But on the other hand, it also is a process that can be highly formulaic and that disadvantages people who don’t write eloquently, especially if they have to write eloquently when English is their third or fourth or fifth language. And I think that there are some opportunities for generative AI, just like there were with the invention of word processors and programs like Grammarly, to level the playing field regarding applying for funding.”

Furthermore, ChatGPT can help brainstorm ideas at the beginning of the research process, facilitating the generation of more novel approaches.

In response to the pressing question of whether ChatGPT is causing a decrease in creativity, Dihal responds, “AI is only as creative as all the human creativity that it was trained on.”

While AI training on other AI-generated content may become a larger issue down the line, it doesn’t seem to be the blame for the current decline in scientific breakthroughs.

Fostering creativity in a data-based field

ChatGPT aside, intense pressure can stifle creative thinking. To address this, some scientists have taken matters into their own hands.

One such initiative is the Good Science Project at Imperial College London. The Good Science Project aims to foster conversation about modern research culture and gives scientists a collaborative, artistic space free from the typical restraints of research.

Elena Corujos-Simón, Translation and Research Manager of the Institute for Molecular Science and Engineering at Imperial College London, says: “This whole project is being able to bring researchers into a room and ask them to be creative and forget about all the constraints they normally have to face, like the constraint of time and short contracts. .

“There are no reviewers. There’s no feedback. It’s all very positive. So, I think in that sense, it’s really [about] embracing creativity from otherwise research minds.”

Also called into the conversation was the value of science communication and the cyclical effect it can have on creativity in one’s research. “In general, in scientific research, the data and the facts matter more than being creative. But at the same time, being creative can lead you to some really good ways of visualising [the data] and also of being able to ask new questions,” she shares.

Not only can asking new questions lead to disruptive science, but it’s well known that raising awareness about a particular area of research through strong science communication can secure additional funding.

Yet despite the benefits of engaging the public with research, many scientists express challenges in their ability to do so, particularly that it’ll take away time and attention dedicated towards their research.

Hiring third party science communicators trained in translating complex science to a lay audience in a compelling, digestible way is a great alternative for scientists to raise awareness about their research. But of course, creating successful science communication campaigns requires more funding.

Yet calls for more funding are being met. UNESCO reported that investment in global research has grown faster than the economy. In the United States alone, fund-

ing for research increased by \$51 billion in 2020 to \$717 billion, and, just to maintain consistent growth in GDP per person, the amount of research effort must be doubled every 13 years to counteract the growing challenge of producing fresh ideas. The UK Parliament has similarly invested a record-breaking amount of money into research and development, with a goal of reaching £20 billion per annum financial year 2024/25.

Initiatives like the Good Science Project and science communication efforts along with ChatGPT's ability to assist with novel idea generation and governments investing exponentially more funding in science should collectively lead to an increase in more creative research, then, which is sure to result in more scientific breakthroughs – right?

Creativity blocked by bureaucracy

Spoiler: the massive increases in funding haven't yet led to a proportionate rise in scientific breakthroughs.

It turns out that proposing something far outside of what is typical is extremely risky and could potentially end up being an enormous waste of time, when time is of the essence. According to a paper published in 2016, more novel research proposals are linked to lower evaluations.

This suggests that scientists are being evaluated on their ability to secure funding rather than on the quality of their research. As a result, they may opt for safer proposals that are more likely to be approved, which contributes to an overall decline in the integrity of scientific research. American physicist Alvin Weinberg expressed this concern over half a century ago after the creation of the National Science Foundation in the US, stating, "science dominated by administrators is science understood by administrators" and "such science quickly becomes attenuated if not meaningless".

For these reasons, many scientists complain that an increased research and development budget won't put an end to the reduction in disruptive science, and some argue that it may even make the situation worse.

"The decline in innovative work is probably the product of many factors, only some of which we can control," says Manuel Ribes in a 2023 article for the Bioethics Observatory at the Catholic University of Valencia, Spain. "Undoubtedly among them is the fact that current science is more dedicated to publishing papers and seeking funding than to doing the kind of in-depth work that leads to breakthroughs."

Criticisms against the bureaucratisation of science is nothing new: scientists have been complaining about it for years. But it only seems to be worsening, with ever-growing paperwork requirements and poor allocation of funding accelerating the issue.

Stephen Turner and Daryl Chubin said it best in an article published in *Scientific American* in 2019: "We need to ask whether we have lost something precious: the possibility of young scientists with new ideas taking risks and pursuing hunches that advance discoveries, not just careers."

Beyond funding: How UK Parliament is setting out to improve research productivity

In 2021, Professor Adam Tickell, the Vice-Chancellor at the University of Birmingham, led an independent review of research bureaucracy in the UK in order to "identify and eliminate unnecessary bureaucracy that hinders research productivity" to ensure that research funding is used more efficiently. The final report was submitted in 2022 and included key recommendations on how to decrease administrative tasks.

The government officially responded to the report earlier this year, announcing several reforms in alignment with the report's suggestions. Among these reforms includes

introducing new, shorter guidelines for preparing business cases, limiting them to 12 pages, along with other measures that will accelerate the approval process and reduce time spent on paperwork so that more can be spent on doing the actual research.

Additionally, in 2023, UK Parliament created the Department for Science Innovation and Technology, which sets out to reduce science bureaucracy by 2030, along with the Advanced Research and Invention Agency's (ARIA), which plans to fund "high-risk, high-reward" scientific research.

All things considered, ChatGPT is certainly not the death of human ingenuity – so long as it's being used in an ethically regulated way – as is the case for nearly all new technologies. Initiatives like the Good Science Project and the growing field of science communication point to the idea that people aren't yet becoming less creative in the face of artificial intelligence.

And more funding hasn't resulted in more novel research directions. Responsibility for the ongoing decline in disruptive research cannot be placed in the hands of scientists alone, but rather governments must take concrete actions to reverse this trend. While the UK's R&D plan is a good start, further evaluation will be needed to determine whether it lives up to its promises of increasing scientific innovation in the UK.

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Arts & Humanities

The Evolution of Interdisciplinary Learning

By Laura Lightfinch

Interdisciplinary learning has emerged as a vital approach to addressing both the complexity of modern world challenges and the need to equip students with versatile skills for the future.

Encouraging students to work across multidisciplinary teams and synthesize information from various fields of study enables complex problem-solving, teamwork, creativity and innovation – four skills that higher education and industry leaders say are vital for the future changemaker’s toolkit.

“There is not a single challenge today that is mono-disciplinary,” said Jason Blackstock, CEO and Founder of How to Change the World. “They are all highly intercultural, interdisciplinary and we cannot be the expert in everything.”

Speaking at the QS Higher Ed Summit: Europe 2024, he added: “The world is a lab right now and we have to prepare people to go into it with the mentality, resilience and motivation to keep experimenting.”

Industry demands: why interdisciplinary skills matter

Interdisciplinary learning was a key theme across the QS Higher Ed Summit: Europe 2024, as many higher education leaders spoke about the importance of interconnect- edness in the face of complex multidisciplinary challenges and providing students with the internships and work experiences to understand how teamwork plays a key role in problem-solving.

Martin Serrano, QS Director of Employability and Co-Founder of QS 1Mentor, said: “Work experience and internship opportunities are often the first time that students realize the interdisciplinary nature of work. A student from a finance background suddenly sees they have to work closely with the marketing team or the HR team, and so providing experiences for students to practice interdisciplinary working takes down those barriers of learning.”

Across the global higher education sector, discussions are beginning to shape the prioritisation of interdisciplinary teaching and learning, and a strengthening of experiential learning by moving beyond disciplinary silos.

Student perspectives on collaboration

Today’s youth are more siloed than previous generations due to online echo chambers and algorithms, making them more likely to build communities based on shared interests and less likely to be exposed to diverse perspectives and experiences. However, they are keen to get involved in solving multidisciplinary problems, illustrating a growing gap to be addressed.

Mack Marshall, Wonkhe SU’s Community and Policy Officer, and Jim Dickinson, Associate Editor at Wonkhe, looked to incoming student union leaders’ manifestos to better understand the challenges facing the wider student body.

Student union leaders’ manifestos highlight key areas of concern for students, by including intentions to make change within the areas students care about most. Manifestos from student leaders in the UK suggest that students want ‘more opportunities to come together outside of their immediate characteristics or course groups,’ with one

manifesto including a motive to re-introduce a collaborative platform which allowed students from across the university to find others for interdisciplinary projects.

Challenges in implementing interdisciplinary models

“We believe that it’s fundamental for our students to be close to their employability possibilities while studying, so we focus on professional development and career advice,” said Dr Casilda Güell, Dean of OBS Business School in Spain. “We can see that there are emerging skills which are becoming vital for students to learn for the future. One of those skills is interdisciplinary collaboration, and universities must train students who can work across different fields of industry like technology, business, and marketing, for example.”

When it comes to embedding interdisciplinary models of teaching and learning into the higher education experience, however, there are challenges. Especially within postgraduate study, where students have less time to absorb the program content and manage assessments, timetables can be restrictive.

Once students have established the foundational knowledge required, the time and space for building more generalist skills can be difficult to find. Though, with the rise of AI and on-demand content, there is a shift in the way content can be transmitted to students.

Professor Nigel Healey is Vice-President of Global and Community Engagement at Ireland’s University of Limerick. Speaking at the summit, Professor Healey said: “In higher education, the emphasis has traditionally been on maximising value by tightly aligning content with programme requirements, often leaving little room for interdisciplinary exploration.

“The universities that have been successful in fostering interdisciplinary mindsets typically use problem-based learning, allowing students to understand that problems can be addressed through different disciplinary frameworks and that a single disciplinary lens is insufficient in a complex, interdependent world.”

Fostering interdisciplinary mindsets: best practices

Beyond the curriculum, work experience and internship opportunities can enable students to practice their skills in an interdisciplinary environment. QS iMentor’s Serrano said: “Students today need to have a very complete skillset to meet today’s industry needs. Working with people from different backgrounds and within different areas in a real workplace helps students to start realizing how skills from different subjects relate to one another in the real world.”

However, industrial placements and internships still require time in the curriculum, and support and encouragement from university faculty, to be actualised. Despite the difficulties, universities will need to understand the vital importance of interdisciplinary learning and embed initiatives to prepare students for the real-world challenges that lie ahead.

Martin added: “As the world is evolving so rapidly, we are going to see the barriers of siloed study come down so that students can work across various subject areas to develop the skills they need to meet industry demands.”

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401-450	Gulf University for Science and Technology	KW	451-500	Australian Catholic University	AU
401-450	Hokkaido University	JP	451-500	Babes-Bolyai University	RO
401-450	Imam Abdulrahman Bin Faisal University (IAU) (formerly UNIVERSITY OF DAMMAM)	SA	451-500	Bandung Institute of Technology (ITB)	ID
401-450	Indian Institute of Technology Kanpur (IITK)	IN	451-500	Beijing Foreign Studies University	CN
401-450	Mahidol University	TH	451-500	Carleton University	CA
401-450	North Carolina State University	US	451-500	Chiang Mai University	TH
401-450	Nottingham Trent University	UK	451-500	Dalhousie University	CA
401-450	Plekhanov Russian University of Economics	RU	451-500	East China Normal University	CN
401-450	Pontificia Universidad Católica Argentina	AR	451-500	Far Eastern Federal University	RU
401-450	Pratt Institute	US	451-500	Florida International University	US
401-450	Qassim University	SA	451-500	Gazi Üniversitesi	TR
401-450	RWTH Aachen University	DE	451-500	Georgia State University	US
401-450	Shanghai University	CN	451-500	Illinois Institute of Technology	US
401-450	Sichuan University	CN	451-500	Indian Institute of Technology Guwahati (IITG)	IN
401-450	Sophia University	JP	451-500	Indian Institute of Technology Kharagpur (IIT-KGP)	IN
401-450	Sunway University	MY	451-500	International Islamic University Malaysia (IIUM)	MY
401-450	Tilburg University	NL	451-500	Lebanese American University	LB
401-450	Umea University	SE	451-500	Lingnan University, Hong Kong	HK
401-450	United Arab Emirates University	AE	451-500	Maastricht University	NL
401-450	Universidad Alberto Hurtado	CL	451-500	National Yang Ming Chiao Tung University	TW
401-450	Universidad Carlos III de Madrid (UC3M)	ES	451-500	Northumbria University at Newcastle	UK
401-450	Universidad de Costa Rica	CR	451-500	Pontificia Universidad Católica del Ecuador (PUCE)	EC
401-450	Universidad de La Sabana	CO	451-500	Sogang University	SK
401-450	Universidad de los Andes - Chile	CL	451-500	Southeast University	CN
401-450	Universidad de Zaragoza	ES	451-500	Stony Brook University, State University of New York	US
401-450	Universidade Federal de Santa Catarina	BR	451-500	Sultan Qaboos University	OM
401-450	Universität Innsbruck	AT	451-500	Swinburne University of Technology	AU
401-450	Universität Jena	DE	451-500	Syracuse University	US
401-450	Université Laval	CA	451-500	Tampere University	FI
401-450	Universiti Teknologi MARA - UiTM	MY	451-500	The University of Georgia	US
401-450	University at Buffalo SUNY	US	451-500	Tomsk State University	RU
401-450	University of Haifa	IL	451-500	Universidad Nacional de Rosario (UNR)	AR
401-450	University of Iowa	US	451-500	Universidade de Brasília	BR
401-450	University of Johannesburg	ZA	451-500	Università Commerciale Luigi Bocconi (Bocconi University)	IT
401-450	University of Macau	MO	451-500	Universita' IUAV di Venezia	IT
401-450	University of Rome "Tor Vergata"	IT	451-500	Universitat Politècnica de València	ES
401-450	University of Science and Technology of China	CN	451-500	Universität Stuttgart	DE
401-450	University of Surrey	UK	451-500	Université de Fribourg	CH
401-450	University of Trento	IT	451-500	Université du Québec	CA
401-450	University of Tsukuba	JP	451-500	University of Belgrade	RS
401-450	University of Waikato	NZ	451-500	University of Calcutta	IN
401-450	University of Wrocław	PL			

451-500	University of California, Riverside	US	501-550	University of Murcia	ES
451-500	University of Jyväskylä	FI	501-550	University of New England Australia	AU
451-500	University of Ljubljana	SI	501-550	University of Siena	IT
451-500	University of Szeged	HU	501-550	University of Stirling	UK
451-500	University of Westminster	UK	501-550	University of Strathclyde	UK
451-500	Washington State University	US	501-550	University of Tromsø The Arctic University of Norway	NO
501-550	Ain Shams University	EG	501-550	University of Zagreb	HR
501-550	Altai State University	RU	501-550	Yogyakarta State University	ID
501-550	Belarusian State University	BY			
501-550	Ben-Gurion University of The Negev	IL			
501-550	Coventry University	UK			
501-550	Doshisha University	JP			
501-550	Fordham University	US			
501-550	Jadavpur University	IN			
501-550	Khalifa University of Science and Technology	AE			
501-550	Khoja Akhmet Yassawi International Kazakh-Turkish University	KZ			
501-550	Marmara University	TR			
501-550	Martin-Luther-Universität Halle-Wittenberg	DE			
501-550	Maynooth University	IE			
501-550	Nankai University	CN			
501-550	National Sun Yat-sen University	TW			
501-550	National Technical University of Athens	GR			
501-550	Palacký University Olomouc	CZ			
501-550	Paul Valéry University Montpellier	FR			
501-550	Pontifícia Universidade Católica de São Paulo	BR			
501-550	Shandong University	CN			
501-550	Technische Universität Dresden	DE			
501-550	Temple University	US			
501-550	The Open University	UK			
501-550	Toronto Metropolitan University	CA			
501-550	Tulane University	US			
501-550	Umm Al-Qura University	SA			
501-550	Universidad Anáhuac México	MX			
501-550	Universidad Austral	AR			
501-550	Universidad de Alcalá	ES			
501-550	Universidad de Concepción	CL			
501-550	Universidad de Guadalajara (UDG)	MX			
501-550	Universidad Nacional de Cuyo	AR			
501-550	Universidad Panamericana (UP)	MX			
501-550	Universidad San Francisco de Quito (USFQ)	EC			
501-550	Universidad Torcuato Di Tella	AR			
501-550	Universidade Federal Fluminense	BR			
501-550	Universitas Sebelas Maret	ID			
501-550	Universität Bremen	DE			
501-550	Universiti Utara Malaysia (UUM)	MY			
501-550	University of Brighton	UK			
501-550	University of Bucharest	RO			
501-550	University of Dhaka	BD			
501-550	University of Miami	US			

Archaeology

1	University of Cambridge	51-100	Aristotle University of Thessaloniki
2	University of Oxford	51-100	Brown University
3	UCL	51-100	Columbia University
4	Leiden University	51-100	Complutense University of Madrid
5	Peking University	51-100	Flinders University
6	Durham University	51-100	Ghent University
7	Harvard University	51-100	Griffith University
8	Stanford University	51-100	Jilin University
9	University of California, Berkeley (UCB)	51-100	KU Leuven
10	The Australian National University	51-100	La Trobe University
11	Sapienza University of Rome	51-100	Lomonosov Moscow State University
12	Eberhard Karls Universität Tübingen	51-100	Massachusetts Institute of Technology (MIT)
13	The University of Tokyo	51-100	Monash University
14	University of California, Los Angeles (UCLA)	51-100	National and Kapodistrian University of Athens
15	Université Paris 1 Panthéon-Sorbonne	51-100	National Taiwan University (NTU)
16	Arizona State University	51-100	Newcastle University
=17	The University of Arizona	51-100	Northwest University (China)
=17	University of Chicago	51-100	Pennsylvania State University
19	Aarhus University	51-100	Pontificia Universidad Católica de Chile (UC)
20	Christian-Albrechts-University zu Kiel	51-100	Pontificia Universidad Católica del Perú
21	Yale University	51-100	Sichuan University
22	University of Pennsylvania	51-100	Simon Fraser University
=23	Freie Universitaet Berlin	51-100	Sorbonne University
=23	Ruprecht-Karls-Universität Heidelberg	51-100	The University of Adelaide
=25	Kyoto University	51-100	The University of Hong Kong
=25	University of York	51-100	The University of Manchester
27	The University of Auckland	51-100	The University of Western Australia
28	University of Michigan-Ann Arbor	51-100	Tsinghua University
=29	The University of Edinburgh	51-100	Universidad de Chile
=29	The University of Sheffield	51-100	Università di Padova
31	University of Toronto	51-100	Universitat Autònoma de Barcelona
32	The University of Melbourne	51-100	Universitat de Barcelona
33	The University of Sydney	51-100	Université PSL
=34	Aix-Marseille University	51-100	University College Dublin
=34	Universidad Nacional Autónoma de México (UNAM)	51-100	University of Aberdeen
36	University of Southampton	51-100	University of Amsterdam
37	University of Glasgow	51-100	University of Bordeaux
38	Princeton University	51-100	University of Cologne
39	University of British Columbia	51-100	University of Florida
40	University of Leicester	51-100	University of Gothenburg
=41	Alma Mater Studiorum - University of Bologna	51-100	University of Groningen
=41	University of Copenhagen	51-100	University of Helsinki
43	Universidade de São Paulo	51-100	University of Liverpool
44	Fudan University	51-100	University of North Carolina, Chapel Hill
45	The University of Exeter	51-100	University of Oslo
46	Ludwig-Maximilians-Universität München	51-100	University of Otago
=47	The University of Queensland	51-100	University of Pisa
=47	University of Vienna	51-100	University of St Andrews
49	University of Reading	51-100	University of Texas at Austin
50	Seoul National University	51-100	University of Wisconsin-Madison

Architecture

1	The Bartlett School of Architecture UCL	51-100	Cardiff University
2	Massachusetts Institute of Technology (MIT)	51-100	Carnegie Mellon University
3	Delft University of Technology	51-100	Chalmers University of Technology
4	ETH Zurich – Swiss Federal Institute of Technology	51-100	Chongqing University
5	Manchester School of Architecture	51-100	City University of Hong Kong
6	Harvard University	51-100	Eindhoven University of Technology
=7	Politecnico di Milano	51-100	Fudan University
=7	Tsinghua University	51-100	Hanyang University
9	National University of Singapore (NUS)	51-100	Huazhong University of Science and Technology
10	University of California, Berkeley (UCB)	51-100	Istanbul Technical University
11	Tongji University	51-100	KIT, Karlsruhe Institute of Technology
12	University of Cambridge	51-100	Korea University
13	The University of Hong Kong	51-100	KU Leuven
14	EPFL	51-100	Kyoto University
15	The University of Tokyo	51-100	Loughborough University
16	Columbia University	51-100	McGill University
17	The Hong Kong Polytechnic University	51-100	Nanjing University
18	Georgia Institute of Technology	51-100	National Taiwan University (NTU)
19	Cornell University	51-100	New York University (NYU)
20	Politecnico di Torino	51-100	Newcastle University
21	RMIT University	51-100	Pennsylvania State University
22	Peking University	51-100	Pontificia Universidad Católica de Chile (UC)
23	The University of New South Wales (UNSW Sydney)	51-100	RWTH Aachen University
=24	Shanghai Jiao Tong University	51-100	Sapienza University of Rome
=24	Stanford University	51-100	South China University of Technology
26	The University of Melbourne	51-100	Technische Universität Wien
=27	Technische Universität Berlin (TU Berlin)	51-100	Tecnológico de Monterrey
=27	University of California, Los Angeles (UCLA)	51-100	Texas A&M University
29	Technical University of Munich	51-100	The Hong Kong University of Science and Technology
=30	The University of Sydney	51-100	The London School of Economics and Political Science (LSE)
=30	Tianjin University	51-100	The University of Auckland
32	Yale University	51-100	The University of Edinburgh
=33	Seoul National University	51-100	The University of Queensland
=33	University of Oxford	51-100	Universidad Nacional Autónoma de México (UNAM)
35	The Chinese University of Hong Kong (CUHK)	51-100	Universidade de São Paulo
=36	Nanyang Technological University, Singapore (NTU)	51-100	Universita' IUAV di Venezia
=36	Universidad Politécnica de Madrid (UPM)	51-100	Universität Stuttgart
38	Universitat Politècnica de Catalunya · BarcelonaTech (UPC)	51-100	Universiti Teknologi Malaysia
39	University of Pennsylvania	51-100	University of Bath
=40	Princeton University	51-100	University of British Columbia
=40	University of Michigan–Ann Arbor	51-100	University of Florida
42	KTH Royal Institute of Technology	51-100	University of Illinois at Urbana-Champaign
43	Zhejiang University	51-100	University of Liverpool
44	The University of Sheffield	51-100	University of Nottingham
45	Tokyo Institute of Technology (Tokyo Tech)	51-100	University of Porto
=46	Harbin Institute of Technology	51-100	University of Southern California
=46	Southeast University	51-100	University of Technology Sydney
48	Yonsei University	51-100	University of Texas at Austin
=49	Aalto University	51-100	University of Toronto
=49	Purdue University	51-100	Wuhan University

Art & Design

1	Royal College of Art	51-100	Academy of Fine Arts Vienna
2	University of the Arts London	51-100	California College of the Arts
3	Parsons School of Design at The New School	51-100	Chiba University
4	Rhode Island School of Design (RISD)	51-100	Cranbrook Academy of Art
5	Massachusetts Institute of Technology (MIT)	51-100	École Nationale Supérieure de Création Industrielle, ENSCI Les Ateliers
6	Politecnico di Milano	51-100	École Nationale Supérieure des Beaux-Arts, Paris
7	Pratt Institute	51-100	Georgia Institute of Technology
8	Aalto University	51-100	Haute école d'art et de design de Genève (HEAD)
9	School of the Art Institute of Chicago (SAIC)	51-100	Illinois Institute of Technology
10	Design Academy Eindhoven	51-100	Imperial College London
11	Delft University of Technology	51-100	Indian Institute of Technology Bombay (IITB)
12	Glasgow School of Art (GSA)	51-100	Istituto Marangoni
13	Savannah College of Art and Design	51-100	Kookmin University
=14	Art Center College of Design	51-100	Korea National University of Arts
=14	Tsinghua University	51-100	Krirk University
16	Yale University	51-100	Management and Science University
17	Stanford University	51-100	Manchester Metropolitan University (MMU)
18	Tongji University	51-100	Maryland Institute College of Art
19	Nanyang Technological University, Singapore (NTU)	51-100	Monash University
20	Carnegie Mellon University	51-100	NABA - Nuova Accademia di Belle Arti
21	China Central Academy of Fine Arts	51-100	National College of Art and Design
=22	New York University (NYU)	51-100	National Institute of Design, India
=22	The Hong Kong Polytechnic University	51-100	National Institute of Design, India
24	University of California, Los Angeles (UCLA)	51-100	National Taiwan University (NTU)
25	School of Visual Arts (SVA)	51-100	Nottingham Trent University
26	RMIT University	51-100	Otis College of Art and Design
27	University of Oxford	51-100	Politecnico di Torino
28	KAIST - Korea Advanced Institute of Science & Technology	51-100	Pontificia Universidad Católica de Chile (UC)
29	Peking University	51-100	Pontificia Universidad Javeriana
=30	National University of Singapore (NUS)	51-100	Princeton University
=30	The University of Tokyo	51-100	Royal Academy of Art, The Hague (KABK)
32	University of Cambridge	51-100	Royal University College of Fine Arts
33	California Institute of the Arts	51-100	Shanghai Jiao Tong University
=34	Seoul National University	51-100	Taylor's University
=34	The Royal Danish Academy of Fine Arts - The School of Design	51-100	The University of Edinburgh
36	Emily Carr University of Art and Design	51-100	The University of Hong Kong
37	Goldsmiths, University of London	51-100	The University of Melbourne
38	King Abdulaziz University (KAU)	51-100	The University of New South Wales (UNSW Sydney)
39	Loughborough University	51-100	The University of Sydney
40	Tecnológico de Monterrey	51-100	Umea University
41	Konstfack University College of Arts, Crafts and Design	51-100	Universidad de Buenos Aires (UBA)
42	Universität der Künste Berlin	51-100	Universidad de los Andes
43	Universidad Nacional Autónoma de México (UNAM)	51-100	Universidad de Palermo (UP)
=44	Hongik University	51-100	Universidade de São Paulo
=44	UCL	51-100	Universität für Musik und darstellende Kunst Wien
=46	Eindhoven University of Technology	51-100	Universiti Malaya (UM)
=46	Zurich University of the Arts (ZHdK)	51-100	University for the Creative Arts
48	Columbia University	51-100	University of California, Berkeley (UCB)
49	École Nationale Supérieure des Arts Décoratifs (ENSAD)	51-100	University of Chicago
50	Cornell University	51-100	University of Technology Sydney
		51-100	University of Toronto
		51-100	Yonsei University
		51-100	Zhejiang University

Classics

1	Sapienza University of Rome
2	Peking University
3	University of St Andrews
4	University of Oxford
5	University of Cambridge
6	Leiden University
7	Ruprecht-Karls-Universität Heidelberg
8	Scuola Normale Superiore di Pisa
9	Durham University
10	Humboldt-Universität zu Berlin
=11	Harvard University
=11	KU Leuven
13	King's College London
14	Ludwig-Maximilians-Universität München
15	Yale University
16	Nanjing University
17	UCL
18	Princeton University
19	National Taiwan University (NTU)
20	University of California, Berkeley (UCB)
21	Kyoto University
=22	Fudan University
=22	Université Paris 1 Panthéon-Sorbonne
24	Freie Universitaet Berlin
=25	Alma Mater Studiorum - University of Bologna
=25	University of Geneva
27	Université catholique de Louvain (UCLouvain)
28	The University of Edinburgh
29	University of Pisa
30	Beijing Normal University
31	National Chung Cheng University
32	National Chengchi University
33	The University of Sydney
34	Sorbonne University
35	University of Cologne
36	University of Vienna
=37	Sungkyunkwan University (SKKU)
=37	Università Cattolica del Sacro Cuore
39	Ca' Foscari University of Venice
40	The Chinese University of Hong Kong (CUHK)
41	The University of Tokyo
=42	Stanford University
=42	University of Toronto
44	Ghent University
=45	Ritsumeikan University
=45	The University of Exeter
47	Columbia University
48	University of Rome "Tor Vergata"
=49	Brown University
=49	University of Chicago

English Language

=1	University of Cambridge	51	Monash University
=1	University of Oxford	52	University of St Andrews
3	Harvard University	53	Humboldt-Universität zu Berlin
4	University of California, Berkeley (UCB)	54	The University of Auckland
5	Yale University	55	Leiden University
6	Stanford University	56	Fudan University
7	The University of Edinburgh	57	Tsinghua University
8	University of California, Los Angeles (UCLA)	=58	Pennsylvania State University
9	Columbia University	=58	The University of Queensland
10	Princeton University	=58	University of Virginia
11	University of Chicago	=61	The University of New South Wales (UNSW Sydney)
12	UCL	=61	University of Bristol
13	University of Toronto	63	University of Illinois at Urbana-Champaign
14	New York University (NYU)	=64	Beijing Normal University
15	National University of Singapore (NUS)	=64	SOAS University of London
16	King's College London	=66	Kyoto University
17	The University of Hong Kong	=66	Northwestern University
18	The University of Manchester	68	Alma Mater Studiorum - University of Bologna
=19	Cornell University	=69	Nanjing University
=19	Massachusetts Institute of Technology (MIT)	=69	Victoria University of Wellington
21	The University of Melbourne	71	Ludwig-Maximilians-Universität München
22	Duke University	72	University of Copenhagen
23	University of British Columbia	73	The Ohio State University
24	Peking University	74	University of Wisconsin-Madison
25	University of Pennsylvania	75	KU Leuven
26	The University of Sydney	76	University of Vienna
27	Trinity College Dublin, The University of Dublin	=77	Sorbonne University
28	University of Michigan-Ann Arbor	=77	University of Helsinki
29	University of Birmingham	=79	Korea University
30	Nanyang Technological University, Singapore (NTU)	=79	University of Sussex
31	The University of Tokyo	81	Ruprecht-Karls-Universität Heidelberg
32	University of York	=82	City University of Hong Kong
33	Durham University	=82	Johns Hopkins University
=34	The University of Warwick	=82	Newcastle University
=34	University of Glasgow	=82	Rutgers University-New Brunswick
36	University of Leeds	=82	Utrecht University
37	The Australian National University	=87	University of California, Irvine
38	Lancaster University	=87	University of California, Santa Barbara (UCSB)
39	Seoul National University	=87	University of North Carolina, Chapel Hill
40	University of Amsterdam	90	University of Liverpool
41	University College Dublin	=91	Cardiff University
42	Queen Mary University of London	=91	Universidad Nacional Autónoma de México (UNAM)
43	McGill University	=93	National Taiwan University (NTU)
44	The Chinese University of Hong Kong (CUHK)	=93	University of Nottingham
45	Brown University	95	Shanghai Jiao Tong University
46	Universiti Malaya (UM)	96	York University
47	The University of Exeter	97	Goldsmiths, University of London
=48	Freie Universität Berlin	=98	Beijing Foreign Studies University
=48	University of Texas at Austin	=98	The Hong Kong Polytechnic University
=48	Yonsei University	=100	The University of Sheffield
		=100	University of Washington

History

1	Harvard University	51-100	Alma Mater Studiorum - University of Bologna
2	University of Oxford	51-100	Beijing Normal University
3	University of Cambridge	51-100	Brown University
4	Yale University	51-100	Central European University
5	Peking University	51-100	Colegio de México
=6	Stanford University	51-100	Complutense University of Madrid
=6	The London School of Economics and Political Science (LSE)	51-100	Duke University
8	University of California, Berkeley (UCB)	51-100	European University Institute
=9	Columbia University	51-100	Georgetown University
=9	Princeton University	51-100	KU Leuven
11	University of California, Los Angeles (UCLA)	51-100	Lund University
12	University of Chicago	51-100	Massachusetts Institute of Technology (MIT)
=13	The University of Edinburgh	51-100	Monash University
=13	The University of Tokyo	51-100	Nanyang Technological University, Singapore (NTU)
15	UCL	51-100	Northwestern University
16	University of Toronto	51-100	Pontificia Universidad Católica de Chile (UC)
17	National University of Singapore (NUS)	51-100	Queen Mary University of London
18	Leiden University	51-100	Renmin (People's) University of China
19	Université Paris 1 Panthéon-Sorbonne	51-100	Sapienza University of Rome
20	University of Michigan-Ann Arbor	51-100	Sciences Po
=21	University of British Columbia	51-100	SOAS University of London
=21	University of Pennsylvania	51-100	Sorbonne University
23	New York University (NYU)	51-100	The Chinese University of Hong Kong (CUHK)
24	Kyoto University	51-100	The University of Exeter
25	King's College London	51-100	The University of New South Wales (UNSW Sydney)
=26	Fudan University	51-100	The University of Osaka
=26	The Australian National University	51-100	The University of Queensland
28	Seoul National University	51-100	Trinity College Dublin, The University of Dublin
29	The University of Hong Kong	51-100	Tsinghua University
30	Freie Universitaet Berlin	51-100	Universidad de Buenos Aires (UBA)
31	The University of Manchester	51-100	Universidad de Chile
32	Johns Hopkins University	51-100	Universidade de São Paulo
33	Ludwig-Maximilians-Universität München	51-100	Universität Hamburg
34	Cornell University	51-100	Université PSL
35	National Taiwan University (NTU)	51-100	University College Dublin
36	Durham University	51-100	University of Birmingham
=37	University of Amsterdam	51-100	University of Bristol
=37	University of North Carolina, Chapel Hill	51-100	University of California, San Diego (UCSD)
39	The University of Sydney	51-100	University of Copenhagen
40	The University of Melbourne	51-100	University of Geneva
41	Humboldt-Universität zu Berlin	51-100	University of Helsinki
42	The University of Warwick	51-100	University of Leeds
43	Ruprecht-Karls-Universität Heidelberg	51-100	University of Minnesota Twin Cities
=44	McGill University	51-100	University of Notre Dame
=44	University of Vienna	51-100	University of Texas at Austin
46	University of St Andrews	51-100	University of Washington
47	University of Wisconsin-Madison	51-100	University of York
48	Universidad Nacional Autónoma de México (UNAM)	51-100	University of Zurich
49	University of Glasgow	51-100	Utrecht University
50	Ecole des Hautes Etudes en Sciences Sociales (EHESS)	51-100	Waseda University
		51-100	Yonsei University

History of Art

1	Royal College of Art
2	National University of Singapore (NUS)
3	Tsinghua University
4	The New School
5	The Courtauld Institute of Art
6	Rhode Island School of Design (RISD)
7	Harvard University
8	Tongji University
9	Universita' IUAV di Venezia
10	Pratt Institute
11	Politecnico di Torino
12	The University of Hong Kong
13	University of Cambridge
14	Yale University
=15	Tokyo Institute of Technology (Tokyo Tech)
=15	University of Oxford
17	Columbia University
18	Sapienza University of Rome
19	University of California, Berkeley (UCB)
20	Cornell University
21-50	Architectural Association School of Architecture
21-50	Glasgow School of Art (GSA)
21-50	Goldsmiths, University of London
21-50	KTH Royal Institute of Technology
21-50	Nanyang Technological University, Singapore (NTU)
21-50	New York University (NYU)
21-50	Peking University
21-50	Princeton University
21-50	Seoul National University
21-50	Southeast University
21-50	Taylor's University
21-50	Technical University of Munich
21-50	Technische Universität Berlin (TU Berlin)
21-50	Tecnológico de Monterrey
21-50	The Australian National University
21-50	The Chinese University of Hong Kong (CUHK)
21-50	The University of Melbourne
21-50	The University of New South Wales (UNSW Sydney)
21-50	The University of Sydney
21-50	The University of Tokyo
21-50	Tianjin University
21-50	UCL
21-50	Universidad Nacional Autónoma de México (UNAM)
21-50	Universidad Politécnica de Madrid (UPM)
21-50	Universidade de São Paulo
21-50	Universitat Politècnica de Catalunya · BarcelonaTech (UPC)
21-50	Université Paris 1 Panthéon-Sorbonne
21-50	University of California, Los Angeles (UCLA)
21-50	University of Pennsylvania
21-50	Waseda University

Linguistics

1	Massachusetts Institute of Technology (MIT)	51	The Hong Kong Polytechnic University
2	Peking University	52	University of Amsterdam
3	Lancaster University	=53	Georgetown University
=4	University of Cambridge	=53	KU Leuven
=4	University of Oxford	=55	RUDN University
6	Harvard University	=55	University of Zurich
7	The University of Edinburgh	57	The Australian National University
8	National University of Singapore (NUS)	58	The University of Auckland
9	The University of Hong Kong	59	University of Michigan–Ann Arbor
10	The Chinese University of Hong Kong (CUHK)	60	University of Illinois at Urbana-Champaign
11	Stanford University	61	Wuhan University
12	Fudan University	62	Yale University
13	University of California, Los Angeles (UCLA)	63	The University of Queensland
14	University of California, Berkeley (UCB)	64	University of Helsinki
15	University of Massachusetts Amherst	=65	Universitat Pompeu Fabra (Barcelona)
16	University of British Columbia	=65	University of Vienna
17	Seoul National University	=65	Victoria University of Wellington
18	Beijing Foreign Studies University	68	University of California, San Diego (UCSD)
19	UCL	69	Waseda University
20	University of Pennsylvania	70	Universidad Nacional Autónoma de México (UNAM)
=21	Beijing Normal University	=71	Hanyang University
=21	The Ohio State University	=71	National Taiwan University (NTU)
=23	The University of Tokyo	=71	National Tsing Hua University
=23	University of Toronto	=74	Columbia University
25	Korea University	=74	Humboldt-Universität zu Berlin
26	McGill University	=76	Pennsylvania State University
27	Nanyang Technological University, Singapore (NTU)	=76	Radboud University
28	Zhejiang University	78	Universiti Malaya (UM)
29	The University of Manchester	79	Kyoto University
=30	The University of Melbourne	80	University of Connecticut
=30	Yonsei University	=81	Universitat Autònoma de Barcelona
32	University of Texas at Austin	=81	University of Leeds
=33	Tsinghua University	=81	University of Oregon
=33	University of Chicago	84	Stockholm University
35	Shanghai Jiao Tong University	=85	Ludwig-Maximilians-Universität München
36	Macquarie University	=85	University of Canterbury Te Whare Wānanga o Waitaha
37	University of Birmingham	87	Ghent University
38	City University of Hong Kong	88	University of Geneva
39	Renmin (People's) University of China	89	Northern Arizona University
=40	Nanjing University	=90	Kyung Hee University
=40	The University of Sydney	=90	National Taiwan Normal University
=40	University of Hawai'i at Mānoa	92	University of California, Santa Barbara (UCSB)
43	Michigan State University	93	University of Alberta
=44	HUFS – Hankuk (Korea) University of Foreign Studies	94	Universität Leipzig
=44	The University of Arizona	=95	Princeton University
=44	University of Maryland, College Park	=95	Saint Petersburg State University
47	Lomonosov Moscow State University	=95	Shanghai International Studies University
48	New York University (NYU)	=95	Sorbonne University
49	University of Washington	=99	The University of Osaka
50	Leiden University	=99	University of York

Modern Languages

1	University of Cambridge	52	Sapienza University of Rome
2	University of Oxford	53	Shanghai Jiao Tong University
3	Harvard University	54	University of Amsterdam
4	Stanford University	55	University of Texas at Austin
5	University of California, Berkeley (UCB)	=56	KU Leuven
6	Yale University	=56	Nanjing University
7	Peking University	58	Trinity College Dublin, The University of Dublin
8	The University of Tokyo	59	Brown University
9	University of California, Los Angeles (UCLA)	=60	Monash University
10	Massachusetts Institute of Technology (MIT)	=60	Universiti Malaya (UM)
11	Columbia University	=62	University of Leeds
12	Princeton University	=62	University of Vienna
13	The University of Edinburgh	64	Beijing Normal University
14	National University of Singapore (NUS)	65	Universidade de São Paulo
15	University of Chicago	=66	Durham University
16	UCL	=66	Lancaster University
17	The University of Hong Kong	68	The University of Warwick
18	University of Toronto	=69	RUDN University
19	Seoul National University	=69	Ruprecht-Karls-Universität Heidelberg
20	New York University (NYU)	71	Leiden University
21	Universidad Nacional Autónoma de México (UNAM)	=72	Universitat Autònoma de Barcelona
22	Fudan University	=72	Zhejiang University
23	University of British Columbia	74	The University of New South Wales (UNSW Sydney)
=24	The Chinese University of Hong Kong (CUHK)	75	The University of Queensland
=24	University of Pennsylvania	76	The University of Osaka
26	King's College London	=77	Ca' Foscari University of Venice
27	Kyoto University	=77	Sungkyunkwan University (SKKU)
28	Cornell University	=79	The University of Auckland
29	National Taiwan University (NTU)	=79	University of Bristol
=30	Sorbonne University	=79	University of St Andrews
=30	Tsinghua University	82	University of Zurich
32	Universidad de Buenos Aires (UBA)	83	University of Illinois at Urbana-Champaign
=33	The University of Melbourne	84	Universitat de Barcelona
=33	Yonsei University	=85	Hanyang University
35	The University of Manchester	=85	Universidad Autónoma de Madrid
36	Korea University	=85	Universidad de los Andes
37	McGill University	=85	University of Salamanca
38	The University of Sydney	89	Satbayev University
39	Humboldt-Universität zu Berlin	90	Universidade Estadual de Campinas (Unicamp)
=40	Lomonosov Moscow State University	91	SOAS University of London
=40	Waseda University	92	Keio University
42	Nanyang Technological University, Singapore (NTU)	93	National Taiwan Normal University
=43	Alma Mater Studiorum - University of Bologna	94	Pontificia Universidad Católica del Perú
=43	Freie Universitaet Berlin	95	HUFS - Hankuk (Korea) University of Foreign Studies
=43	The Australian National University	=96	Universidad Nacional de Colombia
=43	University of Michigan-Ann Arbor	=96	University of Birmingham
47	Duke University	=98	Pontificia Universidad Javeriana
=48	Complutense University of Madrid	=98	Utrecht University
=48	Ludwig-Maximilians-Universität München	=100	The London School of Economics and Political Science (LSE)
=50	Pontificia Universidad Católica de Chile (UC)	=100	University of Glasgow
=50	Université Paris 1 Panthéon-Sorbonne		

Music

- | Music | |
|-------|---|
| 1 | Royal College of Music |
| 2 | Royal Academy of Music |
| 3 | Guildhall School of Music and Drama |
| 4 | Conservatoire national supérieur de musique et de danse de Paris (CNSMDP) |
| 5 | Royal Northern College of Music (RNCM) |
| 6 | Juilliard School |
| 7 | The Royal Danish Academy of Music |
| 8 | Curtis Institute of Music |
| 9 | Sibelius Academy, University of the Arts Helsinki |
| 10 | Moscow P. I. Tchaikovsky Conservatory |
| 11 | Trinity Laban Conservatoire of Music and Dance |
| 12 | The Liszt Academy of Music |
| 13 | University of Rochester |
| 14 | McGill University |
| 15 | Gnesin Russian Academy of Music |
| 16 | New York University (NYU) |
| 17 | Shanghai Conservatory of Music (SHCM) |
| 18 | Universität für Musik und darstellende Kunst Wien |
| 19 | Rimsky-Korsakov St. Petersburg State Conservatory |
| 20 | Conservatoire national supérieur de musique et de danse de Lyon |

Performing Arts

1	Royal College of Music	49	Indiana University Bloomington
2	Royal Academy of Music	50	University of Toronto
3	Conservatoire national supérieur de musique et de danse de Paris (CNSMDP)	51-100	Academy of Performing Arts in Prague
=4	Guildhall School of Music and Drama	51-100	Central Academy of Drama, China
=4	Universität für Musik und darstellende Kunst Wien	51-100	Chopin University of Music
6	Royal Conservatoire of Scotland (Formerly Royal Scottish Academy of Music and Drama)	51-100	Chulalongkorn University
7	New York University (NYU)	51-100	City University of New York
8	Juilliard School	51-100	Conservatoire de Musique de Genève
9	The Royal Danish Academy of Music	51-100	Conservatorio di Roma Santa Cecilia
10	Royal Northern College of Music (RNCM)	51-100	Cornell University
11	Curtis Institute of Music	51-100	Hanyang University
=12	Moscow P. I. Tchaikovsky Conservatory	51-100	Hochschule für Musik und Tanz Köln
=12	University Mozarteum Salzburg	51-100	Hochschule für Musik und Theater Hamburg
14	Sibelius Academy, University of the Arts Helsinki	51-100	Hochschule für Musik und Theater München
15	University of Oxford	51-100	King's College London
16	University of Cambridge	51-100	Lasalle College of the Arts
17	Harvard University	51-100	Lithuanian Academy of Music and Theatre
18	Trinity Laban Conservatoire of Music and Dance	51-100	Massachusetts Institute of Technology (MIT)
19	Korea National University of Arts	51-100	Nanyang Technological University, Singapore (NTU)
20	Hong Kong Academy of Performing Arts	51-100	National Taiwan University (NTU)
21	McGill University	51-100	Newcastle University
=22	University of Rochester	51-100	Peking University
=22	Yale University	51-100	Queen Mary University of London
24	The Liszt Academy of Music	51-100	Queen's University Belfast
25	Rimsky-Korsakov St. Petersburg State Conservatory	51-100	Royal Academy of Music, Aarhus
=26	Conservatoire national supérieur de musique et de danse de Lyon	51-100	Royal Irish Academy of Music
=26	Gnesin Russian Academy of Music	51-100	Seoul National University
=26	Goldsmiths, University of London	51-100	Sorbonne University
29	Royal College of Music in Stockholm	51-100	Sungshin Women's University
30	Royal Holloway University of London	51-100	The Australian National University
31	University of California, Los Angeles (UCLA)	51-100	The Russian Academy of Arts
32	UCSI University	51-100	The University of Auckland
=33	Central School of Speech & Drama	51-100	The University of Edinburgh
=33	Norwegian Academy of Music	51-100	The University of Hong Kong
=33	Stanford University	51-100	The University of Manchester
36	Columbia University	51-100	The University of New South Wales (UNSW Sydney)
37	University of Huddersfield	51-100	The University of Sydney
38	Hochschule für Musik Hanns Eisler Berlin	51-100	The University of Tokyo
39	Northwestern University	51-100	The University of Warwick
40	The University of Melbourne	51-100	Universiti Malaya (UM)
41	Shanghai Conservatory of Music (SHCM)	51-100	University College Cork
42	Zurich University of the Arts (ZHdK)	51-100	University College Dublin
43	Trinity College Dublin, The University of Dublin	51-100	University of Birmingham
=44	National University of Singapore (NUS)	51-100	University of California, San Diego (UCSD)
=44	Universität der Künste Berlin	51-100	University of Chicago
46	Hochschule für Musik und Theater Felix Mendelssohn Bartholdy Leipzig	51-100	University of Galway
47	Mahidol University	51-100	University of Glasgow
48	University of California, Berkeley (UCB)	51-100	University of Leeds
		51-100	University of Michigan–Ann Arbor
		51-100	University of Southern California
		51-100	University of York
		51-100	Van Lang University

Philosophy

1	New York University (NYU)	51-100	Aarhus University
2	The London School of Economics and Political Science (LSE)	51-100	Albert-Ludwigs-Universitaet Freiburg
3	Rutgers University–New Brunswick	51-100	Beijing Normal University
4	University of Pittsburgh	51-100	Boston College
5	University of Oxford	51-100	Boston University
=6	Ludwig-Maximilians-Universität München	51-100	Brown University
=6	University of Cambridge	51-100	Central European University
8	The Australian National University	51-100	City University of New York
9	Harvard University	51-100	Cornell University
10	University of Toronto	51-100	East China Normal University
11	Humboldt–Universität zu Berlin	51-100	Eberhard Karls Universität Tübingen
12	University of Notre Dame	51-100	Georgetown University
13	Princeton University	51-100	Kyoto University
14	University of St Andrews	51-100	Leiden University
15	Stanford University	51-100	Lomonosov Moscow State University
16	Yale University	51-100	Macquarie University
17	University of California, Berkeley (UCB)	51-100	McGill University
18	Massachusetts Institute of Technology (MIT)	51-100	Nanjing University
19	KU Leuven	51-100	Rheinische Friedrich-Wilhelms-Universität Bonn
20	University of Chicago	51-100	Seoul National University
21	Columbia University	51-100	Sungkyunkwan University (SKKU)
22	The University of Edinburgh	51-100	The Hebrew University of Jerusalem
23	Wuhan University	51-100	The University of Auckland
24	King's College London	51-100	The University of Melbourne
=25	National University of Singapore (NUS)	51-100	The University of Tokyo
=25	Renmin (People's) University of China	51-100	The University of Warwick
27	Sun Yat-sen University	51-100	Trinity College Dublin, The University of Dublin
28	The Chinese University of Hong Kong (CUHK)	51-100	Tsinghua University
29	University of Michigan–Ann Arbor	51-100	Universidad Nacional Autónoma de México (UNAM)
30	University of Copenhagen	51-100	Universidad Panamericana (UP)
31	Durham University	51-100	Universitat de Barcelona
32	Université Paris 1 Panthéon–Sorbonne	51-100	Universität Hamburg
33	Monash University	51-100	Universität College Dublin
=34	Freie Universitaet Berlin	51-100	University of Bristol
=34	The University of Sydney	51-100	University of California, Los Angeles (UCLA)
36	University of Amsterdam	51-100	University of Colorado Boulder
37	Peking University	51-100	University of Geneva
38	Goethe-University Frankfurt am Main	51-100	University of Glasgow
39	UCL	51-100	University of Groningen
40	Université PSL	51-100	University of Helsinki
=41	Fudan University	51-100	University of Milan
=41	University of Leeds	51-100	University of Navarra
43	Zhejiang University	51-100	University of Oslo
=44	Johns Hopkins University	51-100	University of Pennsylvania
=44	Université catholique de Louvain (UCLouvain)	51-100	University of Southampton
46	Ruhr-Universität Bochum	51-100	University of Turin
=47	Sorbonne University	51-100	University of Vienna
=47	University of Southern California	51-100	University of Zurich
49	Ruprecht-Karls-Universität Heidelberg	51-100	Utrecht University
50	Western University	51-100	Vrije Universiteit Amsterdam

Theology

1	University of Notre Dame	51-100	Aarhus University
2	Harvard University	51-100	Baylor University
3	University of Oxford	51-100	Brown University
4	University of Cambridge	51-100	Catholic University of America
5	Duke University	51-100	Ewha Womans University
6	Durham University	51-100	Fordham University
7	Yale University	51-100	Freie Universitaet Berlin
8	The University of Edinburgh	51-100	Gadjah Mada University
9	University of Chicago	51-100	Georgetown University
10	University of Toronto	51-100	International Islamic University Malaysia (IIUM)
11	Ruprecht-Karls-Universität Heidelberg	51-100	Jawaharlal Nehru University
12	Eberhard Karls Universität Tübingen	51-100	Lund University
13	Boston College	51-100	Macquarie University
14	University of St Andrews	51-100	Monash University
15	KU Leuven	51-100	Qatar University
16	Princeton University	51-100	Renmin (People's) University of China
17	Yonsei University	51-100	Ruhr-Universität Bochum
18	University of California, Berkeley (UCB)	51-100	Sapienza University of Rome
19	Columbia University	51-100	SOAS University of London
20	The Hebrew University of Jerusalem	51-100	SOAS University of London
21	Emory University	51-100	Sofia University "St. Kliment Ohridski"
22	Australian Catholic University	51-100	Tel Aviv University
23	The University of Sydney	51-100	The University of Auckland
24	Westfälische Wilhelms-Universität Münster	51-100	The University of Exeter
25	Seoul National University	51-100	The University of Hong Kong
26	University of Aberdeen	51-100	The University of Manchester
27	McGill University	51-100	The University of Melbourne
28	Ludwig-Maximilians-Universität München	51-100	The University of Tokyo
29	University of Vienna	51-100	Trinity College Dublin, The University of Dublin
30	Université catholique de Louvain (UCLouvain)	51-100	UCL
31	Humboldt-Universität zu Berlin	51-100	Università Cattolica del Sacro Cuore
32	The Chinese University of Hong Kong (CUHK)	51-100	Universität Hamburg
33	Boston University	51-100	Université de Strasbourg
34	Universidad Pontificia Comillas	51-100	Université PSL
35	King's College London	51-100	Universiti Kebangsaan Malaysia (UKM)
36	The Australian National University	51-100	Universiti Malaya (UM)
=37	Leiden University	51-100	University of Amsterdam
=37	University of Oslo	51-100	University of British Columbia
=39	Kyoto University	51-100	University of California, Los Angeles (UCLA)
=39	University of Michigan-Ann Arbor	51-100	University of California, Santa Barbara (UCSB)
=39	Vanderbilt University	51-100	University of Copenhagen
=39	Vrije Universiteit Amsterdam	51-100	University of Göttingen
43	University of Navarra	51-100	University of Leeds
44	University of Groningen	51-100	University of North Carolina, Chapel Hill
=45	University of Birmingham	51-100	University of Otago
=45	University of Helsinki	51-100	University of Ottawa
47	Pontificia Universidad Católica de Chile (UC)	51-100	University of Texas at Austin
48	Fudan University	51-100	University of Virginia
49	Radboud University	51-100	University of Zurich
50	Stanford University	51-100	Uppsala University
		51-100	Victoria University of Wellington

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Engineering & Technology

The Overwork Myth

By Claudia Civinini

If you google 'Nobel Prize Factory', the results will take you straight to the Laboratory of Molecular Biology (LMB).

Located in Cambridge, the research institute is behind an array of discoveries that gained 12 Nobel prizes.

But not everyone likes the nickname. Sir Aaron Klug, one of the LMB's former directors and a Nobel laureate, was quoted in a 2002 article saying: "In a factory, you know what you're going to make. Here, we plant things that grow and mature. It takes a long time."

For those interested in the complexity behind its nickname-generating track record, the LMB seems the perfect environment to study in a bid to understand how to drive excellence and innovation in science.

Dr Luka Gebel, Assistant Professor in Strategy and Entrepreneurship at University College London, is the co-author of a new analysis of the laboratory's policies and practices.

Originally interested in biology, Dr Gebel eventually chose economics to dedicate time to studying complex phenomena. Understanding the complex phenomenon of innovation and applying it to basic science motivated him personally to look into the LMB, which he researched as part of his PhD at King's Business School, he tells *QS Insights Magazine*.

What fuelled his motivation was also the drive to get away from certain myths, sometimes simplistic or superficial, that negatively affect science management. The first myth, he explains, is the idea that science is "this phenomenon where we are just scrambling around hoping for something new to happen".

The second is the naive assumption that the only thing an institution can do is hope for a genius to come around.

"If you look at the history of science, we have always loved to create these stories of heroism. When you make science only about heroism, or say it's unpredictable and we can't do anything about it, then we can never build a strategy," he explains.

"That's what it really became for me: trying to understand this phenomenon, getting away from just making it chaotic and unpredictable, to actually figure out the underlying simple rules."

He and his co-authors found that a specific management strategy is behind the laboratory's success. Some of its points may even strike as unconventional. (See *Fast and home grow your talent*)

Not all universities need to attract record numbers of Nobel Prizes. However, they need to be supportive workplaces where academics can excel and thrive, maintaining a good work-life balance that protects their mental health.

The management strategy to achieve that is not as clear-cut, and success, in this case, may be harder to define.

However, the question can be approached in the same way: leaving myths aside to look at what the situation is, what works, and what doesn't?

Stressors: what the research says

“Universities can be places in which staff are able to pursue meaningful work, in a supported and stimulating environment, that benefits their wellbeing,” write the authors of The University Mental Health Charter published by UK charity Student Minds.

Just like any other workplace, however, there are stressors that can negatively affect staff and influence both performance and wellbeing. And not all universities, or even departments, are the same.

In fact, the report warns that mental health is a growing area of focus for the sector, citing research indicating that university staff have higher levels of stress and burnout than the general population and evidence of increasing numbers of staff accessing support.

Crucially, the authors explain that studies have found significant variations between and within universities in terms of staff mental health. “Good, or at least improved, mental health and wellbeing is not impossible and poor mental health should not be accepted as inevitable,” they write.

The factors the report lists as having a negative effect on staff – both academic and professional service staff – include workload, low levels of autonomy, external audits and performance metrics, and job insecurity.

Research in a variety of countries found high levels of work-related stress in academia and many of the factors above, together with pressure to publish and lack of influence in decision making, among others, often come up as culprits in research on the topic of academic wellbeing and stress.

The results of another report, published by UK charity Education Support, also show some disillusionment among staff. Gathering responses from 2,046 academic and academic-related staff, results show that most of the respondents (78 percent) disagreed or strongly disagreed that the psychological health of employees is considered as important as productivity.



The survey responses also indicate excessive workload as a particularly urgent problem to tackle: 79 percent of respondents said they needed to work intensely often or always, and over half (52 percent) reported experiencing unrealistic time pressures often or always. Over six in 10 respondents (62 percent) said they regularly worked over 40 hours a week, and two in 10 (21 percent) over 50.

Respondents rated strategies tackling stressors at the organisation level as more helpful than those at the individual level. Workload management and increased autonomy, together with institutional policies and practices around wellbeing, were considered more helpful than stress management training or guidance on wellbeing.

The need to tackle the problem at source was exemplified in the comments gathered by the survey. One respondent said: "Individual interventions such as mindfulness and relaxation will not help when we are working 100 hours a week and still can't meet our deadlines."

Glorifying overwork

Myths are not only detrimental to developing an understanding of how to drive innovation in science.

In academia, the myth of the researcher driven by passion alone to work round the clock in the pursuit of success can contribute to fuelling counter-productive work cultures and prevent people from accessing support, Dr Marie-Hélène Pelletier comments.

Especially for non-permanent staff, this type of work culture can be particularly conducive to unhealthy work habits.

"The culture may at times not value overall the individual non-permanent faculty, and it doesn't encourage them to look after their own health. It continues to glorify extreme numbers of hours work, extreme overtime, and encourages people to see it as, 'oh, that's a normal thing'," she explains.

Dr Pelletier is a work psychologist and executive coach. Working with academics for over 20 years, she has seen plenty of burnout cases.

Reflecting on her clients' experiences, she thinks one particular workplace feature would have made a difference to their working lives: a strong support system that requires staff to regularly check in, reframing support as something normal and part of a routine.

"Often, universities don't have structures that would require academics to check in," she explains.

"But in a culture where everyone is supposed to be a hero and a star and doing everything on their own, then no one talks about it, and no one asks for help," she explains.

"Academics are also often very high performers, so it's not natural for individuals to say, 'Hey, I need some support here'."

According to the Education Support report, there are a number of barriers preventing staff from accessing support – for example, lack of communication or insufficient provision. While the most common barrier was lack of time due to workload and inflexible schedules, results show that seeking help is still stigmatised.

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1	Massachusetts Institute of Technology (MIT)	US	=50	The University of Melbourne	AU
2	University of Oxford	UK	=53	Indian Institute of Technology Madras (IITM)	IN
3	Stanford University	US	=53	KIT, Karlsruhe Institute of Technology	DE
4	University of Cambridge	UK	55	Politecnico di Torino	IT
5	ETH Zurich - Swiss Federal Institute of Technology	CH	56	Yale University	US
6	University of California, Berkeley (UCB)	US	57	Technical University of Denmark	DK
7	Tsinghua University	CN	=58	Tecnológico de Monterrey	MX
8	Imperial College London	UK	=58	The University of Edinburgh	UK
9	Harvard University	US	=60	Indian Institute of Technology Kharagpur (IIT-KGP)	IN
10	EPFL	CH	=60	The University of Sydney	AU
11	Nanyang Technological University, Singapore (NTU)	SG	=60	University of Science and Technology of China	CN
12	National University of Singapore (NUS)	SG	63	Texas A&M University	US
13	California Institute of Technology (Caltech)	US	64	University of California, San Diego (UCSD)	US
14	Delft University of Technology	NL	=65	Kyoto University	JP
15	Georgia Institute of Technology	US	=65	RWTH Aachen University	DE
16	Peking University	CN	67	Universidade de São Paulo	BR
17	University of Toronto	CA	68	The University of Queensland	AU
18	The University of Tokyo	JP	=69	Northwestern University	US
=19	Carnegie Mellon University	US	=69	Universidad Nacional Autónoma de México (UNAM)	MX
=19	Technical University of Munich	DE	71	King Abdulaziz University (KAU)	SA
21	Politecnico di Milano	IT	=72	Indian Institute of Technology Kanpur (IITK)	IN
22	University of California, Los Angeles (UCLA)	US	=72	Université PSL	FR
23	University of Illinois at Urbana-Champaign	US	74	The Hong Kong Polytechnic University	HK
24	KAIST - Korea Advanced Institute of Science & Technology	SK	75	Pennsylvania State University	US
25	The University of New South Wales (UNSW Sydney)	AU	=76	Sorbonne University	FR
26	Indian Institute of Technology Delhi (IITD)	IN	=76	The Australian National University	AU
27	Shanghai Jiao Tong University	CN	78	Monash University	AU
28	Indian Institute of Technology Bombay (IITB)	IN	=79	Istanbul Technical University	TR
29	Purdue University	US	=79	Lomonosov Moscow State University	RU
30	Cornell University	US	=79	Universiti Malaya (UM)	MY
31	University of British Columbia	CA	82	National Taiwan University (NTU)	TW
32	The University of Manchester	UK	83	Pohang University of Science And Technology (POSTECH)	SK
=33	UCL	UK	=84	Indian Institute of Science	IN
=33	University of Texas at Austin	US	=84	University of Washington	US
35	Princeton University	US	=86	Universidad Politécnica de Madrid (UPM)	ES
36	Zhejiang University	CN	=86	Yonsei University	SK
37	KTH Royal Institute of Technology	SE	88	Fudan University	CN
=38	Seoul National University	SK	89	Korea University	SK
=38	University of Michigan-Ann Arbor	US	=90	King Abdullah University of Science & Technology (KAUST)	SA
=40	Institut Polytechnique de Paris	FR	=90	Pontificia Universidad Católica de Chile (UC)	CL
=40	King Fahd University of Petroleum & Minerals	SA	92	University of Leeds	UK
=40	Université Paris-Saclay	FR	93	Sapienza University of Rome	IT
43	The Hong Kong University of Science and Technology	HK	94	Universidade Estadual de Campinas (Unicamp)	BR
44	Tokyo Institute of Technology (Tokyo Tech)	JP	=95	Eindhoven University of Technology	NL
=45	McGill University	CA	=95	University of Pennsylvania	US
=45	Technische Universität Berlin (TU Berlin)	DE	=97	Technische Universität Dresden	DE
=47	Harbin Institute of Technology	CN	=97	Universitat Politècnica de Catalunya - BarcelonaTech (UPC)	ES
=47	The University of Hong Kong	HK	99	City University of Hong Kong	HK
=47	University of Waterloo	CA			
=50	Columbia University	US			
=50	KU Leuven	BE			

=100	The Chinese University of Hong Kong (CUHK)	HK	=150	Trinity College Dublin, The University of Dublin	IE
=100	Tohoku University	JP	=150	University of Jordan	JO
=102	The University of Adelaide	AU	=152	RMIT University	AU
=102	Universiti Teknologi Malaysia	MY	=152	Universidad de Buenos Aires (UBA)	AR
=104	Middle East Technical University	TR	=152	University of Florida	US
=104	The University of Sheffield	UK	=152	University of Glasgow	UK
=104	Tianjin University	CN	=152	University of Maryland, College Park	US
=107	Johns Hopkins University	US	157	Kyushu University	JP
=107	Khalifa University of Science and Technology	AE	158	University of California, Santa Barbara (UCSB)	US
=107	The University of Auckland	NZ	=159	The University of Warwick	UK
=107	University of Technology Sydney	AU	=159	University of Southern California	US
111	Alma Mater Studiorum - University of Bologna	IT	161	The Ohio State University	US
=112	Chalmers University of Technology	SE	=162	Grenoble INP, Grenoble Institute of Technology	FR
=112	Huazhong University of Science and Technology	CN	=162	Nagoya University	JP
=112	King Saud University	SA	164	The University of Newcastle, Australia (UON)	AU
=112	University of Alberta	CA	=165	Aalto University	FI
=116	King's College London	UK	=165	Hokkaido University	JP
=116	University of Bristol	UK	=165	Sungkyunkwan University (SKKU)	SK
=116	University of Nottingham	UK	=165	Tongji University	CN
119	University of Birmingham	UK	=165	Università di Padova	IT
=120	University of Southampton	UK	=170	Boston University	US
=120	University of Wisconsin-Madison	US	=170	University of Lisbon	PT
=122	Nanjing University	CN	172	Anna University	IN
=122	The University of Osaka	JP	=173	Bauman Moscow State Technical University	RU
=124	Hanyang University	SK	=173	Queen Mary University of London	UK
=124	New York University (NYU)	US	=173	University of Amsterdam	NL
=124	Technische Universität Wien	AT	=173	University of Naples - Federico II	IT
=127	Beijing Institute of Technology	CN	=177	Universiti Putra Malaysia (UPM)	MY
=127	National University of Sciences And Technology (NUST) Islamabad	PK	=177	Universiti Sains Malaysia (USM)	MY
=127	Universidad de Chile	CL	=177	University of California, Davis	US
=127	Virginia Polytechnic Institute and State University	US	=177	University of Porto	PT
131	Indian Institute of Technology Roorkee (IITR)	IN	=177	Wuhan University	CN
132	University of Chicago	US	=182	North Carolina State University	US
133	Université de Montréal	CA	=182	Universität Stuttgart	DE
134	Norwegian University of Science And Technology	NO	=184	Cranfield University	UK
135	Duke University	US	=184	Universiti Teknologi PETRONAS (UTP)	MY
136	Cairo University	EG	=184	Wageningen University & Research	NL
=137	Michigan State University	US	=187	Technical University of Darmstadt	DE
=137	Universitat de Barcelona	ES	=187	Universidade Federal do Rio de Janeiro	BR
=137	Xi'an Jiaotong University	CN	=189	Czech Technical University in Prague	CZ
=140	Indian Institute of Technology Guwahati (IITG)	IN	=189	Loughborough University	UK
=140	National Technical University of Athens	GR	=189	National Cheng Kung University (NCKU)	TW
142	Vellore Institute of Technology (VIT)	IN	=192	Qatar University	QA
=143	Ghent University	BE	=192	Universidad de los Andes	CO
=143	Lund University	SE	=192	University of Calgary	CA
=145	Arizona State University	US	=192	University of Minnesota Twin Cities	US
=145	National Tsing Hua University	TW	=192	University of Wollongong	AU
=145	Newcastle University	UK	=197	Chulalongkorn University	TH
=145	Universitat Politècnica de València	ES	=197	Queensland University of Technology (QUT)	AU
149	Université Grenoble Alpes	FR	=197	Universiti Kebangsaan Malaysia (UKM)	MY
			=197	Warsaw University of Technology	PL

=201	IMT Atlantique	FR	=250	University of Copenhagen	DK
=201	University of Twente	NL	=252	University of Illinois at Chicago (UIC)	US
203	RUDN University	RU	=252	Utrecht University	NL
204	University of Liverpool	UK	=254	Friedrich-Alexander-Universität Erlangen-Nürnberg	DE
=205	Universidad Nacional de Colombia	CO	=254	Heriot-Watt University	UK
=205	University of Engineering & Technology (JET) Lahore	PK	=254	University of California, Irvine	US
=207	COMSATS University Islamabad	PK	=257	Boğaziçi University	TR
=207	Queen's University at Kingston	CA	=257	Uppsala University	SE
=207	United Arab Emirates University	AE	=257	Western University	CA
=207	Université catholique de Louvain (UCLouvain)	BE	=260	Ecole des Ponts ParisTech	FR
=207	University College Dublin	IE	=260	Sultan Qaboos University	OM
=212	King Khalid University	SA	=262	Lebanese University	LB
=212	University of Bath	UK	=262	National Taiwan University of Science and Technology (Taiwan Tech)	TW
=214	Brown University	US	=262	Southeast University	CN
=214	The University of Western Australia	AU	=262	Universidad Carlos III de Madrid (UC3M)	ES
=216	Aalborg University	DK	=262	Yildiz Technical University	TR
=216	University of Chinese Academy of Sciences	CN	=267	Ain Shams University	EG
=216	Waseda University	JP	=267	Koç University	TR
219	Rice University	US	269	Linköping University	SE
=220	Institut National des Sciences Appliquées de Lyon (INSA)	FR	270	University of Surrey	UK
=220	Swansea University	UK	=271	Complutense University of Madrid	ES
222	Beihang University (former BUAA)	CN	=271	Sichuan University	CN
=223	Moscow Institute of Physics and Technology (MIPT / Moscow Phystech)	RU	=273	American University of Beirut (AUB)	LB
=223	UCSI University	MY	=273	Bilkent University	TR
=225	Cardiff University	UK	=273	UNESP	BR
=225	Humboldt-Universität zu Berlin	DE	=273	University of Ottawa	CA
=227	McMaster University	CA	277	University of Granada	ES
=227	University of Colorado Boulder	US	=278	American University of the Middle East	KW
=229	Aristotle University of Thessaloniki	GR	=278	Stockholm University	SE
=229	Curtin University	AU	=280	SRM INSTITUTE OF SCIENCE AND TECHNOLOGY	IN
=231	Budapest University of Technology and Economics	HU	=280	University of Tehran	IR
=231	Chandigarh University	IN	=282	Bandung Institute of Technology (ITB)	ID
=231	Saint Petersburg State University	RU	=282	Brno University of Technology	CZ
=231	Technion - Israel Institute of Technology	IL	=282	Keio University	JP
=231	Universitat Autònoma de Barcelona	ES	=282	Quaid-i-Azam University	PK
=231	University of Massachusetts Amherst	US	=282	Ulsan National Institute of Science and Technology (UNIST)	SK
=237	Ludwig-Maximilians-Universität München	DE	=282	University of Cape Town	ZA
=237	University of Strathclyde	UK	=288	Peter the Great St. Petersburg Polytechnic University	RU
=239	Aarhus University	DK	=288	Prince Mohammad Bin Fahd university	SA
=239	Imam Abdulrahman Bin Faisal University (IAU) (formerly UNIVERSITY OF DAMMAM)	SA	=288	University of North Carolina, Chapel Hill	US
=239	Jordan University of Science & Technology	JO	291	Sun Yat-sen University	CN
=239	Universidad Autónoma de Madrid	ES	=292	Freie Universitaet Berlin	DE
=239	University of Petroleum and Energy Studies (UPES)	IN	=292	L.N. Gumilyov Eurasian National University (ENU)	KZ
=244	National Taipei University of Technology	TW	=292	Leibniz University Hannover	DE
=244	University of Pisa	IT	=292	National Yang Ming Chiao Tung University	TW
=246	Deakin University	AU	=292	Sharif University of Technology	IR
=246	Instituto Politécnico Nacional (IPN)	MX	=292	University of Sharjah	AE
=246	ITMO University	RU	=292	University of Trento	IT
=246	Queen's University Belfast	UK	=299	Universidad de Sevilla	ES
=250	Birla Institute of Technology and Science, Pilani	IN	=299	University of Helsinki	FI
			=299	University of Oslo	NO

=302	Graz University of Technology	AT	=353	Daegu Gyeongbuk Institute of Science and Technology (DGIST)	SK
=302	University of Baghdad	IQ	=353	Gdańsk University of Technology	PL
=304	Al-Farabi Kazakh National University	KZ	=353	Rutgers University–New Brunswick	US
=304	Dalian University of Technology	CN	=353	Umm Al-Qura University	SA
=304	Ecole Centrale de Lyon	FR	=353	Universidad de Concepción	CL
=304	Wroclaw University of Science and Technology (WUST)	PL	=353	Universidad de Santiago de Chile (USACH)	CL
=308	École Centrale de Nantes	FR	=359	Brunel University London	UK
=308	Lovely Professional University (LPU)	IN	=359	National Research Nuclear University MEPhI (Moscow Engineering Physics Institute)	RU
=308	Sabancı University	TR	=359	University of Science and Technology Beijing	CN
=308	Tomsk State University	RU	=359	Xiamen University	CN
=308	Université Paul Sabatier Toulouse III	FR	=363	AGH University of Science and Technology	PL
=308	University of Electronic Science and Technology of China	CN	=363	Duy Tan University	VN
=314	Ajman University	AE	=363	University of Coimbra	PT
=314	Shanghai University	CN	=363	University of the Punjab	PK
=314	Université libre de Bruxelles	BE	367	University of Reading	UK
=314	University of Groningen	NL	=368	Hacettepe University	TR
=314	Ural Federal University - UrFU	RU	=368	Macquarie University	AU
319	Lancaster University	UK	=368	Universitas Indonesia	ID
=320	Alexandria University	EG	=371	Colorado State University	US
=320	Bangladesh University of Engineering and Technology	BD	=371	Northwestern Polytechnical University	CN
=320	Iowa State University	US	=371	University of Tsukuba	JP
=320	National Research Tomsk Polytechnic University	RU	=374	Shandong University	CN
324	Northeastern University	US	=374	University of Turin	IT
=325	The American University in Cairo	EG	=376	Leiden University	NL
=325	Universidade Nova de Lisboa	PT	=376	Pontificia Universidade Católica do Rio de Janeiro	BR
=325	University of Vienna	AT	=376	Satbayev University	KZ
=328	Aston University	UK	=376	University of Milan	IT
=328	South China University of Technology	CN	=380	Gwangju Institute of Science and Technology (GIST)	SK
=328	TU Dortmund University	DE	=380	Imam Mohammad Ibn Saud Islamic University – IMSIU	SA
=328	University of Rome "Tor Vergata"	IT	=380	National Technical University of Ukraine "Igor Sikorsky Kyiv Polytechnic Institute"	UA
332	Universidad Técnica Federico Santa María (USM)	CL	=380	Université de Liège	BE
=333	Aix-Marseille University	FR	=384	Central South University	CN
=333	Oxford Brookes University	UK	=384	University of Pretoria	ZA
=333	Qassim University	SA	=386	Abu Dhabi University	AE
=333	Sejong University	SK	=386	Albert-Ludwigs-Universitaet Freiburg	DE
=333	Swinburne University of Technology	AU	=386	École Normale Supérieure de Lyon	FR
=333	The University of Exeter	UK	=386	Kazan (Volga region) Federal University	RU
=333	Université de Strasbourg	FR	=390	University College Cork	IE
=333	Washington State University	US	=390	University of Aveiro	PT
=341	Durham University	UK	=390	University of Pittsburgh	US
=341	University at Buffalo SUNY	US	=390	University of Texas Dallas	US
=341	University of Galway	IE	=394	Beijing Normal University	CN
=341	University of Virginia	US	=394	Chongqing University	CN
=345	American University of Sharjah	AE	=394	HSE University	RU
=345	Gadjah Mada University	ID	=394	Institut Teknologi Sepuluh Nopember (ITS Surabaya)	ID
=345	Tallinn University of Technology (TalTech)	EE	=394	Technische Universität Braunschweig	DE
=345	The University of Arizona	US	=394	Universidad Nacional de La Plata (UNLP)	AR
=345	Universidade Federal de Minas Gerais (UFMG)	BR	=394	University of Aberdeen	UK
=345	University of Canterbury Te Whare Wānanga o Waitaha	NZ			
=345	University of South Australia	AU			
=345	Vrije Universiteit Brussel (VUB)	BE			

401-450	Al Ain University	AE	401-450	University of Minho	PT
401-450	Al-Azhar University	EG	401-450	University of Patras	GR
401-450	Arts et Métiers, ParisTech	FR	401-450	University of the Basque Country	ES
401-450	Asian Institute of Technology, Thailand	TH	401-450	University of Warsaw	PL
401-450	Beirut Arab University	LB	401-450	University of Witwatersrand	ZA
401-450	Case Western Reserve University	US	401-450	University of York	UK
401-450	Concordia University	CA	401-450	Viet Nam National University Ho Chi Minh City (VNU-HCM)	VN
401-450	Escuela Superior Politécnica del Litoral (ESPOL)	EC	401-450	Vrije Universiteit Amsterdam	NL
401-450	Gazi Üniversitesi	TR	451-500	Airlangga University	ID
401-450	Goethe-University Frankfurt am Main	DE	451-500	Amirkabir University of Technology	IR
401-450	Hamad Bin Khalifa University	QA	451-500	Beijing Jiaotong University	CN
401-450	Illinois Institute of Technology	US	451-500	Carleton University	CA
401-450	Jilin University	CN	451-500	Charles University	CZ
401-450	Kyung Hee University	SK	451-500	Chiang Mai University	TH
401-450	Lebanese American University	LB	451-500	Colorado School of Mines	US
401-450	Nanjing University of Aeronautics and Astronautics	CN	451-500	Coventry University	UK
401-450	Nankai University	CN	451-500	Cracow University of Technology (Politechnika Krakowska)	PL
401-450	National and Kapodistrian University of Athens	GR	451-500	Dalhousie University	CA
401-450	Plekhanov Russian University of Economics	RU	451-500	Dublin City University	IE
401-450	Rensselaer Polytechnic Institute	US	451-500	East China University of Science and Technology	CN
401-450	Shoolini University of Biotechnology and Management Sciences	IN	451-500	Florida International University	US
401-450	Siksha 'O' Anusandhan (Deemed to be University)	IN	451-500	Florida State University	US
401-450	South Ural State University (National Research University)	RU	451-500	Griffith University	AU
401-450	Tashkent Institute of Irrigation and Agricultural Mechanization Engineers - National Research University (TIAME-NRU)	UZ	451-500	Hunan University	CN
401-450	Taylor's University	MY	451-500	Istanbul University	TR
401-450	Technische Universität Hamburg-Harburg	DE	451-500	Jadavpur University	IN
401-450	Tel Aviv University	IL	451-500	Jeonbuk National University	SK
401-450	The University of Lahore	PK	451-500	King Faisal University	SA
401-450	Universidade Federal de Santa Catarina	BR	451-500	Lahore University of Management Sciences (LUMS)	PK
401-450	Universidade Federal do Rio Grande Do Sul	BR	451-500	Lulea University	SE
401-450	Università degli Studi di Pavia	IT	451-500	Mahidol University	TH
401-450	Universitat de Valencia	ES	451-500	Mansoura University	EG
401-450	Université Claude Bernard Lyon 1	FR	451-500	National Central University	TW
401-450	Université de Lille	FR	451-500	National Chin-Yi University of Technology	TW
401-450	Université de Lorraine	FR	451-500	National Chung Hsing University	TW
401-450	Université de Montpellier	FR	451-500	Pontificia Universidad Católica del Perú	PE
401-450	Université de Rennes 1 (University of Rennes)	FR	451-500	Pusan National University	SK
401-450	University of Bordeaux	FR	451-500	Rheinische Friedrich-Wilhelms-Universität Bonn	DE
401-450	University of California, Riverside	US	451-500	Riga Technical University	LV
401-450	University of Dhaka	BD	451-500	Stellenbosch University	ZA
401-450	University of Florence	IT	451-500	Tampere University	FI
401-450	University of Genoa	IT	451-500	Taras Shevchenko National University of Kyiv	UA
401-450	University of Johannesburg	ZA	451-500	Technological University Dublin	IE
401-450	University of Limerick	IE	451-500	The National University of Science and Technology MISIS	RU
			451-500	Universitat Pompeu Fabra (Barcelona)	ES

451-500	Université Laval	CA	501-550	Scuola Superiore Sant'Anna Pisa	IT
451-500	Universiti Teknologi MARA - UiTM	MY	501-550	Simon Fraser University	CA
451-500	University of Antwerp	BE	501-550	Singapore University of Technology and Design	SG
451-500	University of Bern	CH	501-550	Thapar Institute of Engineering & Technology	IN
451-500	University of Central Florida	US	501-550	Universidad de Zaragoza	ES
451-500	University of Delaware	US	501-550	Universidade Federal de São Carlos (UFSCar)	BR
451-500	University of Geneva	CH	501-550	Université de Technologie, Compiègne (UTC)	FR
451-500	University of Manitoba	CA	501-550	University of Gothenburg	SE
451-500	University of Notre Dame	US	501-550	University of Göttingen	DE
451-500	University of Oulu	FI	501-550	University of Houston	US
451-500	University POLITEHNICA of Bucharest	RO	501-550	University of Rochester	US
451-500	Victoria University of Wellington	NZ	501-550	University of Saskatchewan	CA
451-500	Vietnam National University, Hanoi	VN	501-550	University of South Florida	US
451-500	Washington University in St. Louis	US	501-550	University of the Philippines	PH
451-500	Yarmouk University	JO	501-550	University of Victoria (UVic)	CA
501-550	Academy of Sciences of the Czech Republic	CZ	501-550	Vanderbilt University	US
501-550	Ajou University	SK	501-550	Western Sydney University	AU
501-550	Amity University	IN	501-550	Wuhan University of Technology	CN
501-550	Ankara Üniversitesi	TR			
501-550	Assiut University	EG			
501-550	Banaras Hindu University	IN			
501-550	Belarusian State University	BY			
501-550	Ben-Gurion University of The Negev	IL			
501-550	Chung-Ang University (CAU)	SK			
501-550	Eberhard Karls Universität Tübingen	DE			
501-550	George Washington University	US			
501-550	GIK Institute of Engineering Sciences and Technology	PK			
501-550	Hiroshima University	JP			
501-550	Indian Institute of Technology BHU Varanasi (IIT BHU Varanasi)	IN			
501-550	Indian Institute of Technology Hyderabad (IITH)	IN			
501-550	Indiana University Bloomington	US			
501-550	Inha University	SK			
501-550	Institut National des Sciences Appliquées de Toulouse (INSA)	FR			
501-550	Iran University of Science and Technology	IR			
501-550	Jawaharlal Nehru University	IN			
501-550	Kasetsart University	TH			
501-550	King Mongkut's University of Technology Thonburi	TH			
501-550	Kobe University	JP			
501-550	Kyungpook National University	SK			
501-550	Multimedia University (MMU)	MY			
501-550	National Sun Yat-sen University	TW			
501-550	Politecnico di Bari	IT			
501-550	Poznań University of Technology	PL			
501-550	Ruhr-Universität Bochum	DE			

Computer Science

1	Massachusetts Institute of Technology (MIT)	51	KU Leuven
2	Stanford University	52	California Institute of Technology (Caltech)
3	Carnegie Mellon University	=53	Politecnico di Milano
4	National University of Singapore (NUS)	=53	Sorbonne University
5	University of Oxford	55	Université de Montréal
6	Nanyang Technological University, Singapore (NTU)	56	Delft University of Technology
7	Harvard University	57	King's College London
8	University of California, Berkeley (UCB)	58	Université PSL
9	University of Cambridge	=59	City University of Hong Kong
10	ETH Zurich - Swiss Federal Institute of Technology	=59	University of Science and Technology of China
11	Tsinghua University	61	Yonsei University
12	University of Toronto	=62	Monash University
13	Princeton University	=62	University of Technology Sydney
14	Peking University	=64	Indian Institute of Technology Delhi (IITD)
15	EPFL	=64	Universiti Malaya (UM)
16	University of California, Los Angeles (UCLA)	66	Johns Hopkins University
17	New York University (NYU)	=67	Korea University
18	Cornell University	=67	The University of Manchester
19	University of Washington	69	KTH Royal Institute of Technology
20	Shanghai Jiao Tong University	=70	Institut Polytechnique de Paris
21	The University of Hong Kong	=70	King Abdulaziz University (KAU)
22	Imperial College London	72	Duke University
23	The University of Edinburgh	73	Purdue University
=24	The Hong Kong University of Science and Technology	=74	Université Paris-Saclay
=24	UCL	=74	University of Maryland, College Park
26	Yale University	=76	Indian Institute of Technology Bombay (IITB)
=27	Columbia University	=76	The Hong Kong Polytechnic University
=27	The Chinese University of Hong Kong (CUHK)	=78	Sapienza University of Rome
29	KAIST - Korea Advanced Institute of Science & Technology	=78	Xi'an Jiaotong University
30	The University of Tokyo	=80	Nanjing University
=31	University of British Columbia	=80	Tecnológico de Monterrey
=31	Zhejiang University	82	Harbin Institute of Technology
33	University of Waterloo	83	The University of Warwick
34	University of Illinois at Urbana-Champaign	=84	Huazhong University of Science and Technology
35	Technical University of Munich	=84	Queen Mary University of London
36	The University of Sydney	=86	Lomonosov Moscow State University
=37	The Australian National University	=86	Pohang University of Science And Technology (POSTECH)
=37	University of California, San Diego (UCSD)	88	Wuhan University
39	Fudan University	=89	Beijing Institute of Technology
40	Georgia Institute of Technology	=89	Ludwig-Maximilians-Universität München
=41	University of Michigan-Ann Arbor	=91	National Taiwan University (NTU)
=41	University of Pennsylvania	=91	Technische Universität Wien
=41	University of Texas at Austin	93	Alma Mater Studiorum - University of Bologna
44	Seoul National University	=94	The University of Adelaide
45	University of Amsterdam	=94	Universidade de São Paulo
=46	The University of Melbourne	=96	Technische Universität Berlin (TU Berlin)
=46	The University of New South Wales (UNSW Sydney)	=96	The University of Auckland
48	McGill University	98	The University of Queensland
49	University of Southern California	99	King Saud University
50	University of Chicago	=100	Kyoto University
		=100	University of Jordan

Data Science

1	Massachusetts Institute of Technology (MIT)	51-100	Arizona State University
2	Carnegie Mellon University	51-100	Brown University
3	University of Oxford	51-100	Cairo University
4	University of California, Berkeley (UCB)	51-100	Eindhoven University of Technology
5	Nanyang Technological University, Singapore (NTU)	51-100	IMT Atlantique
6	Harvard University	51-100	Indian Institute of Science
7	National University of Singapore (NUS)	51-100	Indian Institute of Technology Bombay (IITB)
8	ETH Zurich – Swiss Federal Institute of Technology	51-100	Indian Institute of Technology Delhi (IITD)
9	Yale University	51-100	Indian Institute of Technology Kanpur (IITK)
10	University of Toronto	51-100	Indian Institute of Technology Kharagpur (IIT-KGP)
11	EPFL	51-100	Indian Institute of Technology Madras (IITM)
12	Imperial College London	51-100	King Fahd University of Petroleum & Minerals
=13	New York University (NYU)	51-100	KTH Royal Institute of Technology
=13	University of Washington	51-100	KU Leuven
=15	Cornell University	51-100	Kyoto University
=15	Georgia Institute of Technology	51-100	Lancaster University
17	The Hong Kong University of Science and Technology	51-100	Leiden University
18	The University of Hong Kong	51-100	Macquarie University
19	The Chinese University of Hong Kong (CUHK)	51-100	Michigan State University
20	Technical University of Munich	51-100	National Yang Ming Chiao Tung University
=21	UCL	51-100	Northwestern University
=21	University of Illinois at Urbana-Champaign	51-100	Pennsylvania State University
23	University of British Columbia	51-100	Pontificia Universidad Católica de Chile (UC)
24	The University of Edinburgh	51-100	Purdue University
25	Seoul National University	51-100	Queen Mary University of London
26	Politecnico di Milano	51-100	RWTH Aachen University
27	University of Pennsylvania	51-100	Sapienza University of Rome
=28	University of California, San Diego (UCSD)	51-100	Sungkyunkwan University (SKKU)
=28	University of Chicago	51-100	Taylor's University
30	McGill University	51-100	Technion - Israel Institute of Technology
31	Delft University of Technology	51-100	Tecnológico de Monterrey
32	University of Michigan–Ann Arbor	51-100	The Australian National University
33	The University of Melbourne	51-100	The London School of Economics and Political Science (LSE)
=34	California Institute of Technology (Caltech)	51-100	The University of New South Wales (UNSW Sydney)
=34	University of Waterloo	51-100	The University of Sydney
36	University of Technology Sydney	51-100	The University of Warwick
37	Université de Montréal	51-100	Tongji University
38	Johns Hopkins University	51-100	Universidad de Buenos Aires (UBA)
39	National Taiwan University (NTU)	51-100	Universidad Politécnica de Madrid (UPM)
=40	Monash University	51-100	Universidade de São Paulo
=40	The Hong Kong Polytechnic University	51-100	Universitat Politècnica de Catalunya · BarcelonaTech (UPC)
42	Korea University	51-100	Université Paris-Saclay
43	Pohang University of Science And Technology (POSTECH)	51-100	Universiti Teknologi Malaysia
44	Shanghai Jiao Tong University	51-100	University of Amsterdam
45	City University of Hong Kong	51-100	University of Bristol
46	King's College London	51-100	University of Glasgow
=47	Harbin Institute of Technology	51-100	University of Maryland, College Park
=47	Universiti Malaya (UM)	51-100	University of Oslo
=49	Fudan University	51-100	University of Pisa
=49	Université PSL	51-100	Vellore Institute of Technology (VIT)
51-100	Aalto University	51-100	Wuhan University
51-100	Ajman University		

Engineering – Chemical

1	Massachusetts Institute of Technology (MIT)	51	The University of Hong Kong
2	Stanford University	52	The University of Melbourne
3	University of Cambridge	=53	Pennsylvania State University
4	National University of Singapore (NUS)	=53	Pohang University of Science And Technology (POSTECH)
5	ETH Zurich – Swiss Federal Institute of Technology	55	Technical University of Munich
6	University of California, Berkeley (UCB)	56	University of Illinois at Urbana-Champaign
7	Tsinghua University	57	Korea University
8	University of Oxford	58	National Taiwan University (NTU)
9	Imperial College London	59	Eindhoven University of Technology
10	Nanyang Technological University, Singapore (NTU)	=60	KTH Royal Institute of Technology
11	Seoul National University	=60	University of California, Santa Barbara
12	EPFL	62	Technische Universität Berlin (TU Berlin)
=13	California Institute of Technology (Caltech)	63	The University of Edinburgh
=13	Princeton University	64	Ghent University
15	Peking University	65	RWTH Aachen University
16	The University of Manchester	66	Wageningen University & Research
17	The University of Tokyo	67	The University of Sydney
=18	Yale University	=68	Hanyang University
=18	Zhejiang University	=68	King Fahd University of Petroleum & Minerals
20	UCL	=70	The Hong Kong University of Science and Technology
21	Delft University of Technology	=70	University of Alberta
22	University of California, Los Angeles (UCLA)	72	Texas A&M University
=23	Northwestern University	73	University of California, San Diego
=23	University of Toronto	74	Carnegie Mellon University
=25	KIT, Karlsruhe Institute of Technology	75	University of Birmingham
=25	Technical University of Denmark	76	Tokyo Institute of Technology (Tokyo Tech)
27	University of Minnesota Twin Cities	77	University of Groningen
28	Georgia Institute of Technology	78	Lomonosov Moscow State University
29	Shanghai Jiao Tong University	79	King Abdullah University of Science & Technology (KAUST)
=30	KAIST – Korea Advanced Institute of Science & Technology	=80	Duke University
=30	University of Texas at Austin	=80	Universiti Malaya (UM)
32	Fudan University	=82	Politecnico di Torino
33	KU Leuven	=82	Universidade de São Paulo
=34	University of Pennsylvania	84	University of Leeds
=34	University of Wisconsin-Madison	=85	Huazhong University of Science and Technology
36	Cornell University	=85	King Abdulaziz University (KAU)
37	Johns Hopkins University	87	Xi'an Jiaotong University
38	Kyoto University	88	Nanjing University
=39	The University of Queensland	=89	Sorbonne University
=39	University of Chicago	=89	Universidad Nacional Autónoma de México (UNAM)
=41	Politecnico di Milano	=89	University of Waterloo
=41	Tianjin University	92	University of Nottingham
43	Purdue University	=93	Indian Institute of Technology Delhi (IITD)
=44	McGill University	=93	University of California, Davis
=44	University of Michigan-Ann Arbor	95	Universidade Estadual de Campinas (Unicamp)
46	Yonsei University	=96	Sungkyunkwan University (SKKU)
47	The University of New South Wales (UNSW Sydney)	=96	The University of Adelaide
48	University of British Columbia	98	University of Chinese Academy of Sciences
=49	Columbia University	99	National Taipei University of Technology
=49	Monash University	100	Indian Institute of Technology Bombay

Engineering - Civil

1	Massachusetts Institute of Technology	51-100	Alma Mater Studiorum - University of Bologna
2	ETH Zurich - Swiss Federal Institute of Technology	51-100	Carnegie Mellon University
=3	National University of Singapore (NUS)	51-100	Chalmers University of Technology
=3	University of California, Berkeley (UCB)	51-100	City University of Hong Kong
5	Tsinghua University	51-100	Cornell University
6	Delft University of Technology	51-100	Ecole des Ponts ParisTech
7	Stanford University	51-100	Eindhoven University of Technology
8	University of Cambridge	51-100	Hanyang University
9	Nanyang Technological University, Singapore (NTU)	51-100	Huazhong University of Science and Technology
10	EPFL	51-100	Indian Institute of Technology Bombay
11	Imperial College London	51-100	Indian Institute of Technology Delhi (IITD)
12	University of Oxford	51-100	Indian Institute of Technology Madras
=13	Politecnico di Milano	51-100	KIT, Karlsruhe Institute of Technology
=13	The University of Hong Kong	51-100	Korea University
15	The University of Tokyo	51-100	McGill University
16	Shanghai Jiao Tong University	51-100	National Taiwan University (NTU)
17	The Hong Kong Polytechnic University	51-100	National Technical University of Athens
18	University of Illinois at Urbana-Champaign	51-100	Northwestern University
19	The Hong Kong University of Science and Technology	51-100	Norwegian University of Science And Technology
20	Tongji University	51-100	Pennsylvania State University
=21	University of California, Los Angeles (UCLA)	51-100	Princeton University
=21	University of Texas at Austin	51-100	RMIT University
=21	Zhejiang University	51-100	RWTH Aachen University
24	The University of New South Wales (UNSW Sydney)	51-100	Sapienza University of Rome
=25	Georgia Institute of Technology	51-100	Southeast University
=25	University of British Columbia	51-100	Technische Universität Berlin (TU Berlin)
27	University of Toronto	51-100	The Chinese University of Hong Kong
28	The University of Sydney	51-100	The University of Edinburgh
29	Seoul National University	51-100	The University of Manchester
30	University of Michigan-Ann Arbor	51-100	The University of Queensland
=31	Purdue University	51-100	The University of Sheffield
=31	The University of Melbourne	51-100	The University of Western Australia
33	UCL	51-100	Universidad Nacional Autónoma de México (UNAM)
34	KAIST - Korea Advanced Institute of Science & Technology	51-100	Universidad Politécnica de Madrid (UPM)
35	Technical University of Denmark	51-100	Universidade de São Paulo
36	Technical University of Munich	51-100	Universitat Politècnica de Catalunya · BarcelonaTech (UPC)
=37	California Institute of Technology (Caltech)	51-100	Université Paris-Saclay
=37	Harbin Institute of Technology	51-100	Universiti Malaya (UM)
=39	Kyoto University	51-100	University of Bristol
=39	Politecnico di Torino	51-100	University of California, Davis
41	Columbia University	51-100	University of California, San Diego (UCSD)
42	Monash University	51-100	University of Leeds
43	KTH Royal Institute of Technology	51-100	University of Naples - Federico II
44	Tokyo Institute of Technology (Tokyo Tech)	51-100	University of Nottingham
45	Texas A&M University	51-100	University of Porto
=46	King Fahd University of Petroleum & Minerals	51-100	University of Technology Sydney
=46	KU Leuven	51-100	University of Washington
=48	The University of Auckland	51-100	University of Waterloo
=48	Yonsei University	51-100	Wuhan University
50	Pontificia Universidad Católica de Chile	51-100	Xi'an Jiaotong University

Engineering – Electrical

1	Massachusetts Institute of Technology (MIT)	52	Huazhong University of Science and Technology
2	Stanford University	=53	Purdue University
3	University of California, Berkeley (UCB)	=53	Technical University of Denmark
=4	Harvard University	=55	Technische Universität Berlin (TU Berlin)
=4	Nanyang Technological University, Singapore (NTU)	=55	The University of Edinburgh
=4	National University of Singapore (NUS)	57	Korea University
=4	University of Cambridge	=58	McGill University
=8	ETH Zurich – Swiss Federal Institute of Technology	=58	University of Science and Technology of China
=8	University of Oxford	=60	The Australian National University
10	Tsinghua University	=60	Yonsei University
11	EPFL	62	KIT, Karlsruhe Institute of Technology
12	Imperial College London	=63	City University of Hong Kong
13	University of California, Los Angeles	=63	The University of Melbourne
=14	California Institute of Technology	=65	The Hong Kong Polytechnic University
=14	Georgia Institute of Technology	=65	Xi'an Jiaotong University
16	University of Toronto	=67	Institut Polytechnique de Paris
17	Carnegie Mellon University	=67	Universiti Malaya (UM)
18	Delft University of Technology	=69	National Taiwan University (NTU)
19	Shanghai Jiao Tong University	=69	RWTH Aachen University
20	Peking University	71	The Chinese University of Hong Kong
21	Princeton University	72	Pohang University of Science And Technology (POSTECH)
22	KAIST – Korea Advanced Institute of Science & Technology	73	University of Washington
=23	Politecnico di Milano	74	Eindhoven University of Technology
=23	Technical University of Munich	=75	King Fahd University of Petroleum & Minerals
=25	The University of Tokyo	=75	University of Technology Sydney
=25	Zhejiang University	77	Aalborg University
27	University of Texas at Austin	=78	Indian Institute of Technology Kharagpur (IIT-KGP)
28	University of Michigan–Ann Arbor	=78	Texas A&M University
29	The Hong Kong University of Science and Technology	80	Kyoto University
30	University of Waterloo	=81	King Abdullah University of Science & Technology (KAUST)
31	University of Illinois at Urbana-Champaign	=81	University of Pennsylvania
32	The University of New South Wales (UNSW Sydney)	83	University of Southampton
=33	KTH Royal Institute of Technology	=84	Indian Institute of Technology Madras (IITM)
=33	Seoul National University	=84	Monash University
35	The University of Manchester	=84	New York University (NYU)
36	University of British Columbia	=84	Universidade de São Paulo
37	University of California, San Diego (UCSD)	88	Chalmers University of Technology
38	The University of Hong Kong	89	Nanjing University
39	UCL	90	Universidade Estadual de Campinas (Unicamp)
=40	KU Leuven	91	Beijing Institute of Technology
=40	Université Paris-Saclay	=92	Hanyang University
42	Cornell University	=92	Indian Institute of Technology Kanpur (IITK)
43	Columbia University	94	National Tsing Hua University
=44	The University of Sydney	95	University of California, Santa Barbara (UCSB)
=44	Yale University	=96	Northwestern University
46	Politecnico di Torino	=96	Université PSL
=47	Harbin Institute of Technology	=98	King Abdulaziz University (KAU)
=47	Indian Institute of Technology Delhi (IITD)	=98	University of Alberta
=47	Tokyo Institute of Technology	=98	University of Southern California
=50	Fudan University		
=50	Indian Institute of Technology Bombay		

Engineering – Mechanical

1	Massachusetts Institute of Technology (MIT)	52	The University of Sydney
2	Stanford University	=53	Carnegie Mellon University
3	University of Cambridge	=53	Cornell University
4	Nanyang Technological University, Singapore (NTU)	=53	Eindhoven University of Technology
5	Harvard University	56	Technische Universität Berlin (TU Berlin)
6	ETH Zurich – Swiss Federal Institute of Technology	=57	Huazhong University of Science and Technology
7	Tsinghua University	=57	Korea University
8	University of Oxford	=59	The University of Melbourne
=9	Imperial College London	=59	Tokyo Institute of Technology (Tokyo Tech)
=9	National University of Singapore (NUS)	61	Indian Institute of Technology Delhi (IITD)
11	University of California, Berkeley (UCB)	62	Fudan University
12	Politecnico di Milano	63	University of Nottingham
13	Delft University of Technology	=64	Beijing Institute of Technology
14	University of Michigan–Ann Arbor	=64	University of British Columbia
15	Shanghai Jiao Tong University	=66	Indian Institute of Technology Madras (IITM)
16	EPFL	=66	University of Bristol
17	Georgia Institute of Technology	68	Beihang University (former BUAA)
18	California Institute of Technology	=69	Chalmers University of Technology
19	Purdue University	=69	Indian Institute of Technology Bombay (IITB)
20	Peking University	=69	Universidade de São Paulo
=21	Seoul National University	=69	Yale University
=21	The University of Tokyo	=73	King Fahd University of Petroleum & Minerals
23	RWTH Aachen University	=73	Kyoto University
24	University of California, Los Angeles (UCLA)	75	National Taiwan University (NTU)
=25	KTH Royal Institute of Technology	=76	Sapienza University of Rome
=25	Technical University of Munich	=76	Université Paris-Saclay
27	KAIST – Korea Advanced Institute of Science & Technology	=78	UCL
28	Zhejiang University	=78	University of California, San Diego (UCSD)
29	The University of Manchester	80	Monash University
30	Politecnico di Torino	81	Universitat Politècnica de Catalunya · BarcelonaTech (UPC)
31	KU Leuven	=82	Universität Stuttgart
32	Technical University of Denmark	=82	University of Birmingham
=33	Cranfield University	=84	The Chinese University of Hong Kong (CUHK)
=33	University of Texas at Austin	=84	University of Pennsylvania
35	University of Illinois at Urbana-Champaign	=86	Institut Polytechnique de Paris
36	Harbin Institute of Technology	=86	Norwegian University of Science And Technology
37	Xi'an Jiaotong University	88	The University of Sheffield
38	University of Toronto	89	Hanyang University
=39	Northwestern University	90	The Ohio State University
=39	Pohang University of Science And Technology (POSTECH)	=91	Tecnológico de Monterrey
=39	Texas A&M University	=91	University of Waterloo
42	The Hong Kong University of Science and Technology	93	University of Southampton
43	Pennsylvania State University	94	The University of Edinburgh
44	Princeton University	=95	Columbia University
45	KIT, Karlsruhe Institute of Technology	=95	Indian Institute of Technology Kharagpur (IIT-KGP)
=46	The University of New South Wales	=95	Tohoku University
=46	Yonsei University	=95	Universidad Politécnica de Madrid (UPM)
48	University of Science and Technology of China	99	The University of Queensland
=49	McGill University	100	Loughborough University
=49	The Hong Kong Polytechnic University		
=49	The University of Hong Kong		

Engineering - Mineral

1	Colorado School of Mines	51-100	Aalto University
2	The University of New South Wales	51-100	Bandung Institute of Technology (ITB)
3	McGill University	51-100	Cairo University
4	Saint-Petersburg Mining University	51-100	Central South University
5	Curtin University	51-100	Chulalongkorn University
6	The University of Queensland	51-100	Hacettepe University
7	King Fahd University of Petroleum & Minerals	51-100	Harbin Institute of Technology
8	Imperial College London	51-100	Huazhong University of Science and Technology
9	University of British Columbia	51-100	Indian Institute of Science
10	Pennsylvania State University	51-100	Indian Institute of Technology Delhi (IITD)
11	University of Witwatersrand	51-100	Indian Institute of Technology Kanpur
12	University of Toronto	51-100	Indian Institute of Technology Madras
13	The University of Western Australia	51-100	Indian Institute of Technology Roorkee
14	China University of Mining and Technology	51-100	Johns Hopkins University
15	Monash University	51-100	KU Leuven
16	University of Alberta	51-100	Middle East Technical University
=17	Delft University of Technology	51-100	Missouri University of Science and Technology
=17	Universidad de Chile	51-100	Nanjing University
19	Camborne School of Mines University of Exeter	51-100	National Taiwan University (NTU)
20	Indian School of Mines (ISM) University, Dhanbad	51-100	Norwegian University of Science And Technology
=21	RWTH Aachen University	51-100	Politecnico di Milano
=21	The University of Hong Kong	51-100	Politecnico di Torino
23	The University of Sydney	51-100	Pontificia Universidad Católica del Perú
24	Queen's University at Kingston	51-100	Technical University of Denmark
=25	The University of Melbourne	51-100	Technical University of Munich
=25	Virginia Polytechnic Institute and State University	51-100	The Hong Kong Polytechnic University
27	Technische Universität Bergakademie Freiberg	51-100	The University of Newcastle, Australia (UON)
=28	New Mexico Institute of Mining and Technology	51-100	Tongji University
=28	The University of Adelaide	51-100	Universidad de Concepción
30	Pontificia Universidad Católica de Chile	51-100	Universidad Nacional Autónoma de México (UNAM)
31	Université PSL	51-100	Universidad Politécnica de Madrid (UPM)
32	The University of Arizona	51-100	Universidade Federal de Minas Gerais (UFMG)
33	Universidade de São Paulo	51-100	Universidade Federal do Rio de Janeiro
=34	Kyoto University	51-100	Université de Montréal
=34	University of Nevada - Reno	51-100	Universiti Teknologi Malaysia
36	Universidad Nacional de Colombia	51-100	Universiti Teknologi PETRONAS (UTP)
37	Wuhan University	51-100	University of Aberdeen
=38	Lomonosov Moscow State University	51-100	University of Birmingham
=38	University of Leeds	51-100	University of Kentucky
40	Indian Institute of Technology Bombay	51-100	University of Maryland, College Park
=41	Kyushu University	51-100	University of Nottingham
=41	University of Pretoria	51-100	University of Oklahoma
43	University of Utah	51-100	University of Science and Technology Beijing
44	Istanbul Technical University	51-100	University of Technology Sydney
=45	Indian Institute of Technology Kharagpur	51-100	University of Washington
=45	Western University	51-100	University of Wollongong
47	University of Colorado Boulder	51-100	Waseda University
=48	Hanyang University	51-100	West Virginia University
=48	Lulea University	51-100	Xi'an Jiaotong University
=48	The National University of Science and Technology MISIS		
=48	University of Illinois at Urbana-Champaign		

Petroleum Engineering

1	University of Texas at Austin	51-100	Alexandria University
2	University of Alberta	51-100	American University of Beirut (AUB)
3	Texas A&M University	51-100	Amirkabir University of Technology
4	The University of Adelaide	51-100	Arab Academy for Science, Technology and Maritime Transport
5	King Fahd University of Petroleum & Minerals	51-100	Bandung Institute of Technology (ITB)
6	Imperial College London	51-100	Beirut Arab University
7	Khalifa University of Science and Technology	51-100	Brunel University London
8	Middle East Technical University	51-100	Case Western Reserve University
9	Universidade de São Paulo	51-100	China University of Geosciences
=10	The University of Manchester	51-100	China University of Petroleum
=10	The University of New South Wales (UNSW Sydney)	51-100	Chung-Ang University (CAU)
12	The University of Queensland	51-100	Cranfield University
13	University of Surrey	51-100	Dalhousie University
14	Kyoto University	51-100	Escuela Superior Politécnica del Litoral (ESPOL)
15	Heriot-Watt University	51-100	Hiroshima University
16	Universiti Teknologi PETRONAS (UTP)	51-100	Indian Institute of Technology Guwahati (IITG)
17	Politecnico di Torino	51-100	Instituto Politécnico Nacional (IPN)
18	King Abdullah University of Science & Technology (KAUST)	51-100	Jeonbuk National University
19	KIT, Karlsruhe Institute of Technology	51-100	King Faisal University
20	Sharif University of Technology	51-100	Kobe University
21	University of Copenhagen	51-100	Kyung Hee University
=22	University of Leeds	51-100	Lebanese American University
=22	University of Tehran	51-100	Lebanese University
24	Universidad de Buenos Aires (UBA)	51-100	Loughborough University
25	Sultan Qaboos University	51-100	Macquarie University
26	Universidad Nacional Autónoma de México (UNAM)	51-100	Memorial University of Newfoundland
27	Pennsylvania State University	51-100	National Taiwan Normal University
28	Colorado School of Mines	51-100	Novosibirsk State University
29	University of Calgary	51-100	Pontifícia Universidade Católica do Rio de Janeiro
30	National Research Tomsk Polytechnic University	51-100	Qatar University
31	Indian Institute of Technology Madras (IITM)	51-100	Saint-Petersburg Mining University
32	Universidad Nacional de Colombia	51-100	Technische Universität Bergakademie Freiberg
33	King Saud University	51-100	The American University in Cairo
34	University College Dublin	51-100	The University of Lahore
35	Kazan (Volga region) Federal University	51-100	United Arab Emirates University
36	University of Oslo	51-100	Universidad de los Andes
37	University of Southern California	51-100	Universiti Putra Malaysia (UPM)
38	Cairo University	51-100	University of Aberdeen
39	Aalborg University	51-100	University of Baghdad
=40	Istanbul Technical University	51-100	University of Bergen
=40	RUDN University	51-100	University of Coimbra
=40	Universidad Industrial de Santander - UIS	51-100	University of Engineering & Technology (JET) Lahore
=40	Universidade Federal do Rio de Janeiro	51-100	University of Houston
=40	University of Liverpool	51-100	University of Huddersfield
45	Saint Petersburg State University	51-100	University of Kansas
46	Universiti Teknologi Malaysia	51-100	University of Oklahoma
47	Norwegian University of Science And Technology	51-100	University of Pittsburgh
48	Curtin University	51-100	University of Sharjah
=49	Chulalongkorn University	51-100	University of the Punjab
=49	Texas Tech University	51-100	Ural Federal University - UrFU
		51-100	Waseda University
		51-100	Viet Nam National University Ho Chi Minh City (VNU-HCM)

Life Sciences & Medicine

Playing the Business Game

By Chloë Lane

For fans and enthusiasts, sports can be more of a way of life than a hobby. Now it can also be a lucrative professional career – even for those whose athletic ability isn't quite podium-worthy.

Between 2011 and 2022, in the number of people working in sports grew 30 percent, according to the European Research Report.

There is also an increasing awareness of the challenges that the sports industry is facing, in terms of digitalisation, changing business models, new investors and other transformations, says Dr Karoline Strauss, a Professor of Management and the co-director of the European Sports Business Program (ESBP) at ESSEC Business School in France.

These challenges require a highly skilled workforce and people working in sports organisations are now on average more highly educated than they were 10 years ago, the European Observatoire of Sport and Employment reports.

Skills to succeed in sports management

This rising demand for skilled workers in sports management roles has prompted business schools to launch management courses specifically tailored to building the skills needed in the sports industry.

The ESBP, for example, is a collaboration between three top-ranked European business schools that have long-standing expertise in sports business and close connections with the sports ecosystem. The programme is designed specifically for managers aiming to lead organisational change in the sports industry.

ESBP graduates leave with a certificate from three prestigious schools: WHU – Otto Beisheim School of Management in Dusseldorf; The Stockholm School of Economics in Sweden; and ESSEC Business School in Paris.

The sports industry is going through transformations that make it more important than ever for sports organisations to be led by people with expertise in strategy and leadership, Dr Straus tells *QS Insights Magazine*.

Yet research shows that sports organisations often find that their managers' ability to lead change needs improvement, and that off-the-shelf training programmes for their managers do not meet their needs.

"This is why we wanted to offer a programme that we have developed in close collaboration with our sports industry partners, to ensure we really meet the needs of our participants and the organisations they work for," she adds.

Professionalism in sports organisations

While in the past, most sports organisations were managed by former athletes, there is now a trend towards professionalisation within these organisations, reveals Dr Philippe Baecke, Professor of Marketing at Vlerick Business School.

This, he says, requires additional talent who have a background in management, but can also still navigate the industry-specific dynamics in the sports industry.

To support students who strive for a career in these management roles, Vlerick

Business School in Belgium runs a Sports Business and Innovation bootcamp covering all these elements: understanding how leagues can be structured, exploring the differences between European and US models, the sponsorship activation strategies and fan community growth through media.

Much like the ESBP, this bootcamp is developed in close collaboration with industry. The school involves business practitioners in the programme, providing students with real-world challenges from organisations like cycling event organiser Flanders Classics and mineral water brand Perrier, as the sponsor of French Open Roland Garros.

For instance, students might tackle a challenge on how to deal with data in sports or how to reinvent cycling to make it more popular with young people. “Students gain a deep understanding of ecosystem thinking and customer relationship management, or CRM,” says Dr Baecke. “They learn about the unique dynamics of the sports industry, such the intricacies of media rights and sponsorships. These insights are invaluable and not commonly found in traditional business programmes.”

Looking to the future, Dr Baecke believes digital transformation, data analytics and AI are crucial trends in sports management. “Technologies are revolutionising how sports organisations operate,” he explains, using the advertising boards in the German football league, Bundesliga, as an example, which can now display personalised ads based on the viewer’s location.

An increasingly competitive sector, despite jobs drying up

Nowhere has technology made a bigger impact than in the world of entertainment and sports, agrees Dr Antoine Haincourt, Head of the MSc in Sport Industry Management at France’s emlyon business school. He says technology has dramatically changed how sports organisations engage with their customers.

This is why the school’s MSc in Sports Industry Management has a strong analytics and digital marketing focus. To keep up with the changing nature of sports management, “transforming early makers” is the backbone of the programme – a 3-month course focusing on the management of innovation in the sports sector.

Dr Haincourt believes that there has been an evolution of sports management in higher education, with the emergence of many new business school programmes focusing on sports.

Despite this, jobs in sports are “drying up,” he warns. “The reason may be found in the inflationist use of a professionalisation of sports that gives credit to the idea of an employment market, thought of as specific, while in the sports sector most jobs remain subsidised and are offered at modest levels,” he says.

To find a job in leading sports organisations, he advises, business expertise is more important than sports expertise. Sports business has become a sector where candidates are expected to demonstrate specific skills to make a difference.

This is where sports management degrees come in. emlyon regularly work with some of the key players in the industry, from governing bodies such as the FIA, FFF, to sports suppliers such as Adidas, Salomon and other organisations like PSG, Tottenham Hotspur, Wimbledon and Roland Garros.

This sets graduates apart when applying to sport-related positions, particularly as they will connect with professionals, experts and fellow students within the industry.

Manchester Metropolitan University (MMU) Business School has also noted an increase in applications to its BSc Sports Business Management over the past five years.





A possible reason for this, explains Billy Fleury, lecturer in the Sport Policy Unit at MMU Business School, could be an increase in exposure to the business surrounding sport. Watching sports management on TV and online can be hugely influential, and the diversity of sport business and career avenues is also appealing to potential students.

During the programme, students will study modules such as Sport Marketing, Sport Economics, Sport Finance and Sport Events. “The sports business is everchanging and evolving. Our teaching content, informed by world-leading research, reflects this landscape providing students with the opportunity to be competitive within the business management sector upon their graduation,” says Fleury.

Bringing sports passion to the classroom

King’s Business School does not offer a sports management degree, but it does have professors who are sports enthusiasts. A self-described passionate sports fan, Dr Paolo Aversa, Professor of Strategy at King’s Business School weaves sports references and examples throughout his teaching.

The professor’s research, often based on sports data, directly informs his teaching, with students studying his papers as part of their courses. His aim is to bring sport’s passion and excitement to the classroom.

“Most people have some sort of interest in sports, either as spectators or participants, making these industries appealing as they are driven by passion and purpose,” he says. “Even those not aiming to work in sports find the learning from sports research valuable, as it resonates with executives and students at both undergraduate and

postgraduate levels.”

According to Dr Aversa, sports management has several crucial aspects relevant to any business – elements he incorporates into his teaching.

“[The sports] industry faces changes similar to other businesses, such as digital transformation and a push towards sustainability. As a result, students are increasingly interested in joining this industry as executives and active players within it,” Dr Aversa comments.

The focus on performance, for example, is easily measurable in sports but difficult in many businesses. Similarly, there are lessons to be learnt about team management, where in sports the value of individual skills is emphasised.

Specialising in the business of Formula One, the King’s Business School professor frequently introduces students to case studies involving various Formula One teams.

“I have invited executives from the sport to speak to the students about the unique challenges they face, the push for innovation, and the growing emphasis on sustainability, including efforts to develop net-zero biofuels,” he says.

While teaching at King’s, he has also organised sailing regattas to observe how boats mimic each other’s movements when the wind shifts. This approach stems from research on how competition drives innovation. He takes students directly to the boats where they compete against each other – “a memorable way for them to understand effective performance under pressure,” he remarks.

This hands-on experience, he says, is directly inspired by sports and helps students enhance their teamwork, “much like a pit stop crew in Formula One racing”.

Dr Aversa also enjoys learning from the sports his students are passionate about, like eSports. ‘My classes are a co-creation of knowledge, where students’ contributions are equally valuable,’ he adds.

Esports is growing in popularity

Esports, or electronic sports, referring to online, multiplayer games, are a growing topic of interest among students. According to GlobalData, the Esports market is now valued



at over US\$1.6 billion, and is only continuing to grow.

Sheffield Business School recently launched a Bachelor's in Esports Management.

"We can see Esports growing in popularity because the target audience is much younger than traditional sports, and the general population is shifting its perception of the validity of a career in Esports," says Dr Daryl May, Interim Deputy Head of Department Service Sector Management and an Esports lecturer at Sheffield Business School.

"As the industry is so young, it allows our students to take risks and discover the career path that suits them best through a plethora of experience opportunities," he says.

Sheffield Business School's three-year Esports Management programme combines academic study with hands-on application. Alongside the theoretical knowledge needed to work in the industry, the curriculum includes planning and executing Esports events, Esports enterprise, digital marketing and securing sponsorship deals. It also addresses ethical and legal issues, preparing graduates for various roles and entrepreneurial opportunities either in Esports or in another industry.

"When I wanted to start my career in Esports, I had to apply my knowledge from a traditional business enterprise course to the Esports industry," says Dr May. "Now, students can discover their niche in the Esports industry and apply academic theory to their understanding."

Sheffield Business School ensures students graduate from the programme with a portfolio of work that demonstrates their skills. This way, as graduates they can approach potential employers and have evidence of where they can add value to the business.

Sports and Esports programmes offer their students a wealth of transferrable skills that can be applied to many industries.

However, rapid growth in sports careers has left a notable demand for highly skilled professionals beyond the athletes themselves.

Business schools globally strive to fill this gap with their diverse range of sports management courses. Whether this trend continues to grow is yet to be seen.

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1	Harvard University	US	=51	ETH Zurich - Swiss Federal Institute of Technology	CH
2	University of Oxford	UK	=51	Tsinghua University	CN
3	Johns Hopkins University	US	53	Ludwig-Maximilians-Universität München	DE
4	Stanford University	US	54	The University of New South Wales (UNSW Sydney)	AU
5	Massachusetts Institute of Technology (MIT)	US	55	Universitat de Barcelona	ES
6	University of Cambridge	UK	56	University of Bristol	UK
7	University of California, San Francisco (UCSF)	US	=57	University of Chicago	US
8	Imperial College London	UK	=57	University of Zurich	CH
9	UCL	UK	=59	Ghent University	BE
10	Karolinska Institute	SE	=59	McMaster University	CA
11	King's College London	UK	=59	Université Paris-Saclay	FR
12	Yale University	US	=59	University of Birmingham	UK
13	University of Toronto	CA	63	Boston University	US
14	University of California, Los Angeles (UCLA)	US	64	Emory University	US
15	The University of Melbourne	AU	65	Northwestern University	US
16	Cornell University	US	=66	Kyoto University	JP
17	University of California, San Diego (UCSD)	US	=66	Yonsei University	SK
18	University of Pennsylvania	US	68	University of Nottingham	UK
19	The University of Edinburgh	UK	69	Queen Mary University of London	UK
20	University of California, Berkeley (UCB)	US	70	University of Florida	US
21	University of Washington	US	71	Shanghai Jiao Tong University	CN
22	Duke University	US	72	University of Liverpool	UK
23	Columbia University	US	=73	Baylor College of Medicine	US
24	The University of Sydney	AU	=73	The University of Texas M. D. Anderson Cancer Center	US
25	University of British Columbia	CA	=75	Technical University of Munich	DE
26	Peking University	CN	=75	Zhejiang University	CN
=27	KU Leuven	BE	77	Leiden University	NL
=27	McGill University	CA	=78	Fudan University	CN
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30	University of Copenhagen	DK	80	National Taiwan University (NTU)	TW
31	University of Michigan-Ann Arbor	US	=81	Uppsala University	SE
32	The University of Manchester	UK	=81	Vanderbilt University	US
33	Ruprecht-Karls-Universität Heidelberg	DE	=83	Erasmus University Rotterdam	NL
=34	Monash University	AU	=83	King Abdulaziz University (KAU)	SA
=34	The University of Hong Kong	HK	=83	University of Wisconsin-Madison	US
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37	The University of Queensland	AU	=86	University of Alberta	CA
=38	Seoul National University	SK	=86	University of Minnesota Twin Cities	US
=38	The University of Tokyo	JP	89	University of Milan	IT
=38	Wageningen University & Research	NL	90	University of Helsinki	FI
41	University of California, Davis	US	91	University of Pittsburgh	US
42	University of Glasgow	UK	92	University of Groningen	NL
43	University of North Carolina, Chapel Hill	US	=93	Newcastle University	UK
44	Washington University in St. Louis	US	=93	The University of Auckland	NZ
45	University of Amsterdam	NL	=95	Medizinische Universität Wien	AT
46	Sorbonne University	FR	=95	Trinity College Dublin, The University of Dublin	IE
47	Universidade de São Paulo	BR	97	University of Leeds	UK
48	Utrecht University	NL	98	University of Göttingen	DE
49	The Chinese University of Hong Kong (CUHK)	HK	=99	Alma Mater Studiorum - University of Bologna	IT
50	New York University (NYU)	US	=99	The University of Adelaide	AU
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=107	Maastricht University	NL	=156	University of Science and Technology of China	CN
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=114	The University of Western Australia	AU	=163	EPFL	CH
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=126	The University of Texas Southwestern Medical Center at Dallas	US	=172	Wuhan University	CN
=126	University of Calgary	CA	176	Hokkaido University	JP
=128	Michigan State University	US	177	University of York	UK
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=132	Université de Montpellier	FR	=180	University of Illinois at Urbana-Champaign	US
=132	University of Gothenburg	SE	=182	Queen's University at Kingston	CA
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=135	Rheinische Friedrich-Wilhelms-Universität Bonn	DE	=182	University of Miami	US
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138	Albert-Ludwigs-Universitaet Freiburg	DE	=187	Humboldt-Universität zu Berlin	DE
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=140	Case Western Reserve University	US	=189	Université Claude Bernard Lyon 1	FR
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=316	Imam Abdulrahman Bin Faisal University (IAU) (formerly UNIVERSITY OF DAMMAM)	SA	=366	Medizinische Universität Innsbruck	AT
=316	University of East Anglia (UEA)	UK	=366	University of Bath	UK
=316	University of Reading	UK	=366	Virginia Polytechnic Institute and State University	US
=316	University of Saskatchewan	CA	371	Masaryk University	CZ
320	China Medical University Taichung	TW	=372	University at Buffalo SUNY	US
321	University of Colorado Boulder	US	=372	University of Kentucky	US
322	Aristotle University of Thessaloniki	GR	=372	University of the Philippines	PH
=323	Jagiellonian University	PL	=375	King Khalid University	SA
=323	Justus-Liebig-University Giessen	DE	=375	Lebanese University	LB
=323	Martin-Luther-Universität Halle-Wittenberg	DE	=375	Tecnológico de Monterrey	MX
=323	Oregon State University	US	=375	Temple University	US
=323	University of Tasmania	AU	=375	Tulane University	US
=323	Virginia Commonwealth University	US	=380	Ankara Üniversitesi	TR
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=329	University of Genoa	IT	=380	Stony Brook University, State University of New York	US
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=331	Philipps-Universität Marburg	DE	=380	Université Sorbonne Paris Nord	FR
=331	Universitas Indonesia	ID	=380	Verona University	IT
=331	Universität Jena	DE	386	Florida State University	US
=331	University of Rome "Tor Vergata"	IT	387	University of Waterloo	CA
=336	Universidad Nacional de Colombia	CO	=388	Nantes University	FR
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=336	University of Kwazulu-Natal	ZA	=388	Swansea University	UK
=339	Academy of Sciences of the Czech Republic	CZ	=391	Northwest Agriculture and Forestry University	CN
=339	Weizmann Institute of Science	IL	=391	Ruhr-Universität Bochum	DE
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=341	Jordan University of Science & Technology	JO	=391	Universitat Pompeu Fabra (Barcelona)	ES
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=346	Universität für Bodenkultur Wien	AT	=398	Kyung Hee University	SK
=346	University of Cincinnati	US	=398	Mansoura University	EG
=349	The Scripps Research Institute (TSRI)	US	=398	Universidad de Antioquia	CO
=349	University of Missouri, Columbia	US	=398	University of California, Riverside	US
=349	University Ulm	DE	=398	Xiamen University	CN
=352	University of South Australia	AU			

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401-450	Aga Khan University	PK	451-500	Beijing University of Chinese Medicine	CN
401-450	Al-Azhar University	EG	451-500	Carnegie Mellon University	US
401-450	Ben-Gurion University of The Negev	IL	451-500	Chung-Ang University (CAU)	SK
401-450	Chiba University	JP	451-500	Drexel University	US
401-450	City University of New York	US	451-500	Gadjah Mada University	ID
401-450	Czech University of Life Sciences in Prague	CZ	451-500	Gazi Üniversitesi	TR
401-450	Delft University of Technology	NL	451-500	Harbin Institute of Technology	CN
401-450	Florida International University	US	451-500	Indiana University–Purdue University Indianapolis	US
401-450	Istanbul University	TR	451-500	Iran University of Medical Sciences (IUMS)	IR
401-450	James Cook University	AU	451-500	Jiangnan University	CN
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401-450	Kaohsiung Medical University	TW	451-500	Khon Kaen University	TH
401-450	Kasetsart University	TH	451-500	King Saud bin Abdulaziz University For Health Sciences	SA
401-450	Kobe University	JP	451-500	Kyungpook National University	SK
401-450	Lancaster University	UK	451-500	Nanjing Medical University	CN
401-450	L'Institut Agro (L'Institut Agro Dijon, L'Institut Agro Montpellier, L'Institut Agro Rennes Angers)	FR	451-500	Okayama University	JP
401-450	Mashhad University of Medical Sciences	IR	451-500	Palacký University Olomouc	CZ
401-450	Medical College of Wisconsin	US	451-500	Pontificia Universidad Javeriana	CO
401-450	Nankai University	CN	451-500	Rice University	US
401-450	Postgraduate Institute of Medical Education & Research Chandigarh	IN	451-500	RMIT University	AU
401-450	Qassim University	SA	451-500	Royal Veterinary College, University of London	UK
401-450	Quaid-i-Azam University	PK	451-500	Saveetha Institute of Medical and Technical Sciences (deemed to be university)	IN
401-450	St. George's, University of London	UK	451-500	Shiraz University of Medical Sciences	IR
401-450	Sultan Qaboos University	OM	451-500	Thomas Jefferson University	US
401-450	Tampere University	FI	451-500	Umm Al-Qura University	SA
401-450	Technische Universität Berlin (TU Berlin)	DE	451-500	Universidad de la República (Udelar)	UY
401-450	The Catholic University of Korea	SK	451-500	Universidad Peruana Cayetano Heredia (UPCH)	PE
401-450	Tongji University	CN	451-500	Universidad Politécnica de Madrid (UPM)	ES
401-450	Universidad de Concepción	CL	451-500	Universidade de Brasília	BR
401-450	Universidade de Santiago de Compostela	ES	451-500	Università degli Studi di Perugia	IT
401-450	Universidade Nova de Lisboa	PT	451-500	Universitat Politècnica de València	ES
401-450	Universität Duisburg–Essen	DE	451-500	Université Côte d'Azur	FR
401-450	Université de Rennes 1 (University of Rennes)	FR	451-500	Universiti Teknologi Malaysia	MY
401-450	Université Paris–Est Créteil	FR	451-500	University of Hawai'i at Mānoa	US
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401-450	University of Szeged	HU	451-500	University of the Basque Country	ES
401-450	University of Tehran	IR	451-500	Warsaw University of Life Sciences – SGGW (WULS–SGGW)	PL
401-450	University of Ulsan	SK	451-500	Wayne State University	US
401-450	University of Zagreb	HR			
401-450	Wake Forest University	US			
401-450	Xi'an Jiaotong University	CN			

501-550	Banaras Hindu University	IN
501-550	Catania University	IT
501-550	China Pharmaceutical University	CN
501-550	Chonnam National University	SK
501-550	Chungnam National University	SK
501-550	COMSATS University Islamabad	PK
501-550	Durham University	UK
501-550	EGE UNIVERSITY	TR
501-550	Georgia State University	US
501-550	Iuliu Hațieganu University of Medicine and Pharmacy Cluj-Napoca	RO
501-550	Jeonbuk National University	SK
501-550	Lanzhou University	CN
501-550	Liverpool John Moores University	UK
501-550	Loughborough University	UK
501-550	Makerere University	UG
501-550	National Tsing Hua University	TW
501-550	Norwegian University of Life Sciences (UMB)	NO
501-550	Prince of Songkla University	TH
501-550	Pusan National University	SK
501-550	RUDN University	RU
501-550	Saint Petersburg State University	RU
501-550	Shenzhen University	CN
501-550	Southeast University	CN
501-550	Southern University of Science and Technology	CN
501-550	St. Louis University	US
501-550	Tabriz University of Medical Sciences	IR
501-550	Texas Tech University	US
501-550	Tianjin University	CN
501-550	Universidad de Córdoba - España	ES
501-550	Universidad de los Andes	CO
501-550	Universidad de Zaragoza	ES
501-550	Universidad Nacional de Córdoba - UNC	AR
501-550	Universidad Nacional de La Plata (UNLP)	AR
501-550	Universidade Federal de Santa Catarina	BR
501-550	Universidade Federal do Paraná - UFPR	BR
501-550	Universität des Saarlandes	DE
501-550	Universität Regensburg	DE
501-550	Université de Lorraine	FR
501-550	Universiti Teknologi MARA - UiTM	MY
501-550	University of California, Santa Cruz	US
501-550	University of Johannesburg	ZA
501-550	University of Messina (UniME)	IT
501-550	University of Mississippi	US
501-550	University of Oulu	FI
501-550	University of Salamanca	ES
501-550	University of Siena	IT
501-550	University of Trieste	IT
501-550	University of Tromsø The Arctic University of Norway	NO
501-550	University of Warsaw	PL
501-550	Zagazig University	EG
501-550	Zhengzhou University	CN

Agriculture

1	Wageningen University & Research	=49	Tokyo University of Agriculture and Technology
2	University of California, Davis	=52	Pennsylvania State University
3	Swedish University of Agricultural Sciences	=52	The University of Sydney
4	China Agricultural University	54	Alma Mater Studiorum - University of Bologna
5	Cornell University	55	Rheinische Friedrich-Wilhelms-Universität Bonn
6	Purdue University	=56	Colorado State University
7	ETH Zurich - Swiss Federal Institute of Technology	=56	Universiti Putra Malaysia (UPM)
8	Ghent University	58	The University of Edinburgh
9	University of California, Berkeley (UCB)	59	Washington State University
10	Norwegian University of Life Sciences	=60	Jiangnan University
11	Michigan State University	=60	Kasetsart University
12	Iowa State University	62	University of Nottingham
13	Texas A&M University	63	Yale University
14	Nanjing Agricultural University	64	University College Dublin
15	The University of Queensland	65	Peking University
16	University of Copenhagen	66	Czech University of Life Sciences in Prague
17	University of Florida	67	Massey University
18	University of Wisconsin-Madison	68	The University of Adelaide
19	University of Illinois at Urbana-Champaign	69	University of Alberta
20	University of Reading	70	Korea University
=21	L'Institut Agro (L'Institut Agro Dijon, L'Institut Agro Montpellier, L'Institut Agro Rennes Angers)	=71	Università di Padova
=21	University of Göttingen	=71	University of Naples - Federico II
23	Northwest Agriculture and Forestry University	=73	Hokkaido University
24	The Ohio State University	=73	Shanghai Jiao Tong University
25	University of British Columbia	75	Université de Montpellier
26	University of Hohenheim	=76	King Abdulaziz University (KAU)
27	The University of Tokyo	=76	University of Toronto
=28	South China Agricultural University	78	University of Missouri, Columbia
=28	Universität für Bodenkultur Wien	=79	McGill University
30	University of Guelph	=79	Universidad Politécnica de Madrid (UPM)
=31	KU Leuven	81	National Taiwan University (NTU)
=31	North Carolina State University	=82	Shangdong Agricultural University
33	The University of Melbourne	=82	University of Leeds
34	University of Agriculture, Faisalabad	=84	King Saud University
=35	University of Helsinki	=84	University College Cork
=35	University of Minnesota Twin Cities	=84	University of Maryland, College Park
=37	The Australian National University	=87	University of Florence
=37	The University of Western Australia	=87	University of Saskatchewan
=38	Universidade de São Paulo	=89	Duke University
38	Warsaw University of Life Sciences - SGGW (WULS-SGGW)	=89	Université catholique de Louvain (UCLouvain)
=39	Seoul National University	=89	University of California, Riverside
=39	Université Paris-Saclay	92	Lund University
41	Huazhong Agricultural University	=93	Estonian University of Life Sciences
42	University of Massachusetts Amherst	=93	Stellenbosch University
43	Aarhus University	=93	Université Laval
44	Kyoto University	=96	Albert-Ludwigs-Universität Freiburg
45	Technical University of Munich	=96	University of Milan
=46	Oregon State University	98	Virginia Polytechnic Institute and State University
=46	University of Nebraska - Lincoln	=99	Harper Adams University
48	Kansas State University	=99	The University of Arizona
=49	IPB University (a.k.a. Bogor Agricultural University)		
=49	The University of Georgia		

Anatomy

1	University of Oxford	51-100	Albert-Ludwigs-Universitaet Freiburg
2	Stanford University	51-100	Baylor College of Medicine
3	University of Cambridge	51-100	Boston University
4	Johns Hopkins University	51-100	Case Western Reserve University
=5	Duke University	51-100	Emory University
=5	McGill University	51-100	Erasmus University Rotterdam
=5	University of Toronto	51-100	ETH Zurich - Swiss Federal Institute of Technology
8	Columbia University	51-100	Huazhong University of Science and Technology
9	University of California, Los Angeles (UCLA)	51-100	KU Leuven
10	University of British Columbia	51-100	Loughborough University
11	UCL	51-100	Maastricht University
12	University of Copenhagen	51-100	Mashhad University of Medical Sciences
13	University of Glasgow	51-100	McMaster University
14	Peking University	51-100	National Taiwan University (NTU)
15	National University of Singapore (NUS)	51-100	Newcastle University
16	Imperial College London	51-100	Pennsylvania State University
17	University of Pennsylvania	51-100	Sapienza University of Rome
18	University of California, San Diego (UCSD)	51-100	Sun Yat-sen University
19	Washington University in St. Louis	51-100	Technical University of Munich
20	The University of Sydney	51-100	The Australian National University
21	Zhejiang University	51-100	The University of Auckland
22	Northwestern University	51-100	The University of Exeter
23	Shanghai Jiao Tong University	51-100	The University of New South Wales (UNSW Sydney)
24	Tsinghua University	51-100	The University of Sheffield
25	University of Michigan-Ann Arbor	51-100	Tohoku University
=26	King's College London	51-100	Tongji University
=26	The University of Tokyo	51-100	Universidad Autónoma de Madrid
28	University of Southern California	51-100	Universidad Nacional Autónoma de México (UNAM)
29	The University of Manchester	51-100	Universidade de São Paulo
=30	The University of Melbourne	51-100	Università di Padova
=30	The University of Western Australia	51-100	Universitat de Barcelona
32	Monash University	51-100	University College Dublin
33	The University of Edinburgh	51-100	University of Amsterdam
34	New York University (NYU)	51-100	University of Basel
35	University of Otago	51-100	University of Bristol
36	University of Birmingham	51-100	University of California, Davis
37	University of Leeds	51-100	University of California, Irvine
38	Fudan University	51-100	University of Florida
=39	Sorbonne University	51-100	University of Geneva
=39	The Chinese University of Hong Kong (CUHK)	51-100	University of Groningen
41	University of Alberta	51-100	University of Iowa
42	The University of Adelaide	51-100	University of Liverpool
43	Kyoto University	51-100	University of Nottingham
44	Ludwig-Maximilians-Universität München	51-100	University of Oslo
45	University of California, San Francisco (UCSF)	51-100	University of Ottawa
46	The University of Texas Southwestern Medical Center at Dallas	51-100	University of Utah
47	University of Calgary	51-100	University of Washington
=48	The University of Queensland	51-100	Vanderbilt University
=48	University of North Carolina, Chapel Hill	51-100	Western University
50	The University of Hong Kong	51-100	Yonsei University

Biological

1	Harvard University	51	University of North Carolina, Chapel Hill
2	Massachusetts Institute of Technology (MIT)	52	Technical University of Munich
3	Stanford University	=53	Kyoto University
4	University of Oxford	=53	Rockefeller University
5	University of Cambridge	=55	Northwestern University
6	Yale University	=55	University of Zurich
7	Johns Hopkins University	=57	Shanghai Jiao Tong University
8	University of California, Berkeley (UCB)	=57	University of Chinese Academy of Sciences
9	University of California, San Francisco (UCSF)	59	The University of Queensland
10	Imperial College London	60	Uppsala University
11	University of California, San Diego (UCSD)	61	Utrecht University
12	University of California, Los Angeles (UCLA)	=62	The University of Sydney
13	ETH Zurich - Swiss Federal Institute of Technology	=62	Université Paris-Saclay
14	Cornell University	64	Ghent University
15	National University of Singapore (NUS)	65	KAIST - Korea Advanced Institute of Science & Technology
16	UCL	=66	Université PSL
17	Columbia University	=66	University of Glasgow
18	California Institute of Technology (Caltech)	=68	Monash University
19	University of Pennsylvania	=68	The University of New South Wales (UNSW Sydney)
20	Tsinghua University	=70	The Chinese University of Hong Kong (CUHK)
21	University of Chicago	=70	University of Wisconsin-Madison
22	University of Toronto	72	Universidade de São Paulo
23	The University of Edinburgh	=73	University of Amsterdam
24	Princeton University	=73	University of Science and Technology of China
25	Peking University	75	The Ohio State University
26	Karolinska Institute	=76	Eberhard Karls Universität Tübingen
27	The University of Tokyo	=76	Pennsylvania State University
28	University of Washington	=76	Yonsei University
29	University of Copenhagen	79	Boston University
30	Nanyang Technological University, Singapore (NTU)	=80	Freie Universitaet Berlin
31	King's College London	=80	Universitat de Barcelona
=32	Duke University	82	University of Illinois at Urbana-Champaign
=32	Ruprecht-Karls-Universität Heidelberg	83	University of Texas at Austin
34	The University of Melbourne	84	University of Basel
=35	EPFL	=85	Lund University
=35	New York University (NYU)	=85	The University of Osaka
37	University of Michigan-Ann Arbor	=87	The Australian National University
=38	Ludwig-Maximilians-Universität München	=87	University of Florida
=38	University of California, Davis	=89	Leiden University
40	Washington University in St. Louis	=89	University of Helsinki
41	Wageningen University & Research	=91	Emory University
42	University of British Columbia	=91	University of Göttingen
43	Seoul National University	93	Pohang University of Science And Technology (POSTECH)
=44	McGill University	94	Université de Montpellier
=44	The University of Hong Kong	=95	Baylor College of Medicine
=46	Fudan University	=95	Sun Yat-sen University
=46	Sorbonne University	97	The Hong Kong University of Science and Technology
48	KU Leuven	98	Stockholm University
49	The University of Manchester	=99	Rheinische Friedrich-Wilhelms-Universität Bonn
50	Zhejiang University	=99	University of Groningen

Dentistry

1	University of Michigan-Ann Arbor	=50	University of Dundee
2	The University of Hong Kong		
3	Academic Centre for Dentistry Amsterdam (ACTA)		
=4	King's College London		
=4	Tokyo Medical and Dental University (TMDU)		
6	University of California, San Francisco (UCSF)		
7	Karolinska Institute		
8	University of Zurich		
9	University of Bern		
=10	Harvard University		
=10	University of Gothenburg		
12	Sichuan University		
13	Universidade de São Paulo		
14	Complutense University of Madrid		
15	Queen Mary University of London		
16	University of Pennsylvania		
17	University of California, Los Angeles (UCLA)		
18	Imam Abdulrahman Bin Faisal University (IAU) (formerly UNIVERSITY OF DAMMAM)		
19	University of Washington		
20	KU Leuven		
21	University of North Carolina, Chapel Hill		
22	Tufts University		
=23	New York University (NYU)		
=23	University of Birmingham		
25	Wuhan University		
=26	Saveetha Institute of Medical and Technical Sciences (deemed to be university)		
=26	Universidade Estadual de Campinas (Unicamp)		
=28	Malmo University		
=28	Universidad de Chile		
30	University of Geneva		
31	Yonsei University		
=32	National University of Singapore (NUS)		
=32	UCL		
=34	Cardiff University		
=34	The University of Melbourne		
36	The University of Queensland		
37	Columbia University		
38	University of Iowa		
=39	Peking University		
=39	UNESP		
=39	University at Buffalo SUNY		
42	The Ohio State University		
43	Sun Yat-sen University		
44	University of Otago		
45	Boston University		
=46	Seoul National University		
=46	University of Copenhagen		
=48	King Saud University		
=48	Ludwig-Maximilians-Universität München		
=50	Universitat Internacional de Catalunya (UIC)		

Medicine

1	Harvard University	51	Boston University
2	University of Oxford	52	University of Copenhagen
3	Stanford University	53	Ludwig-Maximilians-Universität München
4	Johns Hopkins University	54	University of North Carolina, Chapel Hill
5	University of Cambridge	55	Yonsei University
6	University of California, San Francisco (UCSF)	=56	Baylor College of Medicine
7	Imperial College London	=56	Universitat de Barcelona
8	UCL	58	Universidade de São Paulo
9	Karolinska Institute	=59	Fudan University
10	Yale University	=59	Queen Mary University of London
11	Massachusetts Institute of Technology (MIT)	=59	Tsinghua University
12	University of California, Los Angeles (UCLA)	=59	University of Bristol
13	University of Pennsylvania	63	The University of New South Wales (UNSW Sydney)
14	University of Toronto	64	Utrecht University
15	King's College London	65	Leiden University
16	Duke University	66	University of Zurich
17	Columbia University	67	University of Birmingham
18	National University of Singapore (NUS)	68	Medizinische Universität Wien
19	University of Michigan-Ann Arbor	69	Maastricht University
20	The University of Edinburgh	70	Vanderbilt University
21	London School of Hygiene & Tropical Medicine	71	Shanghai Jiao Tong University
22	University of California, San Diego (UCSD)	=72	ETH Zurich - Swiss Federal Institute of Technology
23	University of Washington	=72	Kyoto University
24	The University of Hong Kong	74	University of Liverpool
=25	The Chinese University of Hong Kong (CUHK)	75	The University of Queensland
=25	The University of Melbourne	76	National Taiwan University (NTU)
27	The University of Sydney	77	Université Paris Cité
28	McGill University	=78	Mayo Medical School
=29	Peking University	=78	Technical University of Munich
=29	University of California, Berkeley (UCB)	80	University of Milan
31	Cornell University	81	University of Southampton
32	Ruprecht-Karls-Universität Heidelberg	82	University of Oslo
33	The University of Manchester	83	Trinity College Dublin, The University of Dublin
34	University of Chicago	=84	Nanyang Technological University, Singapore (NTU)
35	New York University (NYU)	=84	The Ohio State University
=36	KU Leuven	=86	Université de Montréal
=36	University of Amsterdam	=86	University of Alberta
=38	Emory University	88	Case Western Reserve University
=38	Seoul National University	=89	Icahn School of Medicine at Mount Sinai
=38	University of British Columbia	=89	University of Groningen
41	McMaster University	=89	Zhejiang University
=42	Erasmus University Rotterdam	92	Lund University
=42	Northwestern University	93	Charité - Universitätsmedizin Berlin
44	University of Glasgow	94	Sapienza University of Rome
45	Sorbonne University	95	Newcastle University
46	Washington University in St. Louis	=96	Alma Mater Studiorum - University of Bologna
47	Monash University	=96	University of Leeds
48	The University of Tokyo	=96	University of Nottingham
49	University of Pittsburgh	=99	Pontificia Universidad Católica de Chile (UC)
50	The University of Texas M. D. Anderson Cancer Center	=99	University of Cape Town
		=99	University of Southern California

Nursing

1	King's College London	51-100	Aarhus University
2	University of Pennsylvania	51-100	Australian Catholic University
3	Johns Hopkins University	51-100	Boston College
4	University of Toronto	51-100	Central South University
5	The Chinese University of Hong Kong (CUHK)	51-100	Chiang Mai University
6	University of Washington	51-100	Chung-Ang University (CAU)
7	Duke University	51-100	Curtin University
8	National University of Singapore (NUS)	51-100	Deakin University
9	University of North Carolina, Chapel Hill	51-100	Ewha Womans University
10	The University of Manchester	51-100	Flinders University
11	Columbia University	51-100	Fudan University
12	Yale University	51-100	George Washington University
13	University of Southampton	51-100	Ghent University
14	University of Alberta	51-100	Huazhong University of Science and Technology
15	New York University (NYU)	51-100	Korea University
=16	The Hong Kong Polytechnic University	51-100	Lund University
=16	University of British Columbia	51-100	National Taiwan University (NTU)
=18	University of California, San Francisco (UCSF)	51-100	Peking Union Medical College
=18	University of Michigan-Ann Arbor	51-100	Queen's University at Kingston
=20	The University of Sydney	51-100	Queen's University Belfast
=20	Trinity College Dublin, The University of Dublin	51-100	Sapienza University of Rome
22	Emory University	51-100	Seoul National University
23	Karolinska Institute	51-100	Shanghai Jiao Tong University
24	Monash University	51-100	Sichuan University
25	The University of Melbourne	51-100	Sun Yat-sen University
26	University of Technology Sydney	51-100	The University of Adelaide
=27	Taipei Medical University (TMU)	51-100	The University of Auckland
=27	University College Cork	51-100	Università Cattolica del Sacro Cuore
=27	University of California, Los Angeles (UCLA)	51-100	Universitat de Barcelona
30	McMaster University	51-100	University of Birmingham
31	KU Leuven	51-100	University of Calgary
32	Sultan Qaboos University	51-100	University of Eastern Finland
33	Griffith University	51-100	University of Galway
34	The University of Hong Kong	51-100	University of Glasgow
=35	Case Western Reserve University	51-100	University of Illinois at Chicago (UIC)
=35	University of Pittsburgh	51-100	University of Iowa
37	Yonsei University	51-100	University of Leeds
38	Peking University	51-100	University of Liverpool
39	University of Turku	51-100	University of Minnesota Twin Cities
40	The Ohio State University	51-100	University of Navarra
41	McGill University	51-100	University of Nottingham
=42	La Trobe University	51-100	University of Ottawa
=42	Queensland University of Technology (QUT)	51-100	University of South Australia
44	University College Dublin	51-100	University of Texas at Austin
45	The University of Queensland	51-100	University of Virginia
46	The University of Edinburgh	51-100	University of Wollongong
=47	The University of Newcastle, Australia (UON)	51-100	Uppsala University
=47	Universidade de São Paulo	51-100	Utrecht University
=47	University of Jordan	51-100	Vanderbilt University
50	Pennsylvania State University	51-100	Western Sydney University
		51-100	Western University

Pharmacy

1	Harvard University	51	The University of Melbourne
2	University of Oxford	=52	Cornell University
3	UCL	=52	Duke University
4	Monash University	=52	Ruprecht-Karls-Universität Heidelberg
5	Johns Hopkins University	55	University of Liverpool
6	University of Cambridge	56	Sapienza University of Rome
7	University of California, San Diego (UCSD)	57	University of Groningen
8	National University of Singapore (NUS)	=58	McGill University
9	University of California, San Francisco (UCSF)	=58	The University of Hong Kong
10	University of North Carolina, Chapel Hill	=58	University of Illinois at Chicago (UIC)
11	University of California, Los Angeles (UCLA)	=61	China Pharmaceutical University
12	University of Nottingham	=61	National Taiwan University (NTU)
13	University of Toronto	=61	The University of New South Wales (UNSW Sydney)
14	Karolinska Institute	=61	University of Minnesota Twin Cities
=15	King Abdulaziz University (KAU)	65	University of Helsinki
=15	University of Michigan-Ann Arbor	66	Université Paris-Saclay
=17	Imperial College London	=67	Sungkyunkwan University (SKKU)
=17	Yale University	=67	Yonsei University
=19	Queen's University Belfast	=69	Ludwig-Maximilians-Universität München
=19	The University of Sydney	=69	University of Bristol
21	Peking University	71	Emory University
22	Leiden University	72	Cairo University
=23	KU Leuven	73	Sorbonne University
=23	Tsinghua University	74	Vanderbilt University
25	The University of Manchester	75	Université catholique de Louvain (UCLouvain)
26	Zhejiang University	76	Universitat de Barcelona
27	University of Copenhagen	=77	Freie Universitaet Berlin
28	The University of Queensland	=77	The University of Auckland
29	University of Pennsylvania	79	Korea University
30	Seoul National University	=80	Sun Yat-sen University
=31	King's College London	=80	Universiti Malaya (UM)
=31	University of Texas at Austin	=80	University of Florida
33	The University of Tokyo	=80	University of Naples - Federico II
=34	Columbia University	84	Birla Institute of Technology and Science, Pilani
=34	Trinity College Dublin, The University of Dublin	85	Ghent University
36	University of Strathclyde	86	University of Geneva
37	The University of Edinburgh	=87	Universiti Sains Malaysia (USM)
=38	University of Alberta	=87	University of Glasgow
=38	University of British Columbia	89	Sichuan University
40	ETH Zurich - Swiss Federal Institute of Technology	=90	Universidade de São Paulo
41	Fudan University	=90	University of Birmingham
42	The Chinese University of Hong Kong (CUHK)	=90	University of Pittsburgh
43	University of Washington	93	Université Paris Cité
44	Utrecht University	=94	Jamia Hamdard
45	Shanghai Jiao Tong University	=94	University of Porto
46	University of Wisconsin-Madison	96	Università di Padova
47	Uppsala University	=97	Mahidol University
48	King Saud University	=97	Technical University of Munich
=49	Purdue University	=97	University of Basel
=49	University of Milan	=100	Hanyang University
		=100	Kyoto University
		=100	Lebanese University
		=100	The University of Texas M. D. Anderson Cancer Center
		=100	University of Jordan

Psychology

1	Harvard University	=51	Arizona State University
2	University of Oxford	=51	Johns Hopkins University
3	Stanford University	=51	The University of Auckland
4	University of Cambridge	=51	Tilburg University
5	Yale University	=51	University of Southern California
6	UCL	56	Ludwig-Maximilians-Universität München
7	Columbia University	57	Boston University
8	University of Michigan-Ann Arbor	58	Beijing Normal University
9	University of California, Los Angeles (UCLA)	59	Ghent University
10	University of Amsterdam	=60	The Ohio State University
11	Massachusetts Institute of Technology (MIT)	=60	Universitat de Barcelona
12	University of California, Berkeley (UCB)	62	University of California, San Diego (UCSD)
13	University of Toronto	63	Sapienza University of Rome
=14	New York University (NYU)	64	University of Wisconsin-Madison
=14	University of Pennsylvania	65	Leiden University
16	National University of Singapore (NUS)	=66	The University of Tokyo
17	KU Leuven	=66	Zhejiang University
18	King's College London	68	Monash University
=19	The London School of Economics and Political Science (LSE)	=69	Maastricht University
=19	University of British Columbia	=69	Università di Padova
21	The University of Melbourne	=71	Shanghai Jiao Tong University
22	Princeton University	=71	Yonsei University
23	Northwestern University	73	Pontificia Universidad Católica de Chile (UC)
24	University of Chicago	=74	University of Bath
25	McGill University	=74	University of Bristol
26	University of Texas at Austin	=76	Freie Universitaet Berlin
27	Nanyang Technological University, Singapore (NTU)	=76	Humboldt-Universität zu Berlin
28	The University of Hong Kong	=78	Korea University
29	University of Groningen	=78	Radboud University
=30	The University of Edinburgh	=80	Aarhus University
=30	Utrecht University	=80	The University of Warwick
=32	The Chinese University of Hong Kong (CUHK)	=80	Universidad Autónoma de Madrid
=32	The University of New South Wales (UNSW Sydney)	=80	Université catholique de Louvain (UCLouvain)
34	The University of Queensland	84	Durham University
35	Peking University	=85	Karolinska Institute
36	University of Illinois at Urbana-Champaign	=85	Universidade de São Paulo
37	Duke University	=85	University of Nottingham
38	University of Minnesota Twin Cities	=88	The Australian National University
39	The University of Sydney	=88	University of Birmingham
40	University of Zurich	90	Alma Mater Studiorum - University of Bologna
41	Michigan State University	91	Trinity College Dublin, The University of Dublin
42	Pennsylvania State University	=92	Indiana University Bloomington
43	University of Washington	=92	Universidad Nacional Autónoma de México (UNAM)
44	Erasmus University Rotterdam	=92	University of Vienna
45	Vrije Universiteit Amsterdam	=95	Purdue University
46	University of Maryland, College Park	=95	University of Pittsburgh
47	University of North Carolina, Chapel Hill	=97	Tsinghua University
48	Carnegie Mellon University	=97	University of York
49	Cornell University	99	The Hong Kong Polytechnic University
50	The University of Manchester	=100	University of California, Irvine
		=100	Vanderbilt University

Veterinary Science

1	Royal Veterinary College, University of London	51-100	Aarhus University
2	University of California, Davis	51-100	Airlangga University
3	Cornell University	51-100	Alexandria University
4	Colorado State University	51-100	Auburn University
5	The University of Edinburgh	51-100	Cairo University
6	University of Guelph	51-100	Chulalongkorn University
7	Vetsuisse Faculty Bern and Zurich	51-100	Chungnam National University
8	Utrecht University	51-100	City University of Hong Kong
9	University of Pennsylvania	51-100	Freie Universitaet Berlin
10	Texas A&M University	51-100	Huazhong Agricultural University
11	University of Liverpool	51-100	Jeonbuk National University
=12	Iowa State University	51-100	Kasetsart University
=12	University of Wisconsin-Madison	51-100	London School of Hygiene & Tropical Medicine
14	The Ohio State University	51-100	Louisiana State University
15	University of Cambridge	51-100	Mahidol University
16	Michigan State University	51-100	Mansoura University
=17	University of Florida	51-100	McGill University
=17	Wageningen University & Research	51-100	Nanjing Agricultural University
19	Massey University	51-100	Norwegian University of Life Sciences (UMB)
20	North Carolina State University	51-100	Oregon State University
21	The University of Sydney	51-100	Seoul National University
22	University of Glasgow	51-100	South China Agricultural University
=23	University of Copenhagen	51-100	The University of Adelaide
=23	University of Minnesota Twin Cities	51-100	UNESP
=25	Ghent University	51-100	Universidad Austral de Chile
=25	The University of Melbourne	51-100	Universidad de Buenos Aires (UBA)
27	Universitat Autònoma de Barcelona	51-100	Universidad de Chile
28	Université de Montréal	51-100	Universidad Nacional Autónoma de México (UNAM)
29	Swedish University of Agricultural Sciences	51-100	Universidad Nacional de La Plata (UNLP)
30	University of Bristol	51-100	Universidade de São Paulo
31	University of Veterinary Medicine Vienna	51-100	Universidade Federal de Minas Gerais (UFMG)
32	University of Calgary	51-100	Università di Padova
33	University College Dublin	51-100	Université de Liège
34	The University of Georgia	51-100	University of Agriculture, Faisalabad
35	The University of Queensland	51-100	University of Alberta
36	VetAgro Sup, Campus Vétérinaire de Lyon	51-100	University of Bari
37	Universiti Putra Malaysia (UPM)	51-100	University of British Columbia
38	Complutense University of Madrid	51-100	University of Helsinki
39	Murdoch University	51-100	University of Kentucky
40	Ludwig-Maximilians-Universität München	51-100	University of Missouri, Columbia
41	University of Illinois at Urbana-Champaign	51-100	University of Naples - Federico II
42	The University of Tokyo	51-100	University of Pisa
43	Tufts University	51-100	University of Pretoria
44	Alma Mater Studiorum - University of Bologna	51-100	University of Prince Edward Island
45	The University of Tennessee, Knoxville	51-100	University of Saskatchewan
46	University of Milan	51-100	University of Turin
47	University of Nottingham	51-100	University of Veterinary and Animal Sciences, Lahore
48	Purdue University	51-100	Virginia Polytechnic Institute and State University
=49	École Nationale Vétérinaire, Alfort	51-100	Washington State University
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Natural Sciences

Communicating Science

By Julie Hoeflinger

I arrived at the Royal Society's Summer Science Exhibition in London and was mildly surprised to see that the line extended well outside the door. It was Sunday July 7th, the sixth and final day of the exhibition, the sun was shining, and there were people of all ages waiting anxiously to get inside. Having not looked into any of the stalls and workshops ahead of time, I stepped into what felt like a childhood science fiction book.

The building was buzzing with people wearing virtual reality (VR) sets and kids trying on portable brain scanners, moving a ball with their brain activity alone. There was a giant reflective moon made of stainless steel surrounded by fingers gliding over its many craters. I saw a neon green laser beam in a dark glass case eliciting a "woah-hh" every few seconds along with enlarged, spectacularly high-quality photos of outer space from the James Webb Space Telescope. For those wanting a quieter display of science, there were also several seated presentations a day given by various speakers.

With 14 exhibits and more than 300 scientists who were visibly excited to talk to people about their research, there was truly something for everyone.

I speak with Dr Daan Arroo and Dr Ryan Bower, who have an exhibit called "Engineering Atom by Atom". Dr Arroo and Dr Bower are both postdoctoral research associates at Imperial College London and are on the Nanoscale Advanced Materials Engineering (NAME) EPSRC Programme Grant, an international research team that does research nanoengineering – or the science of creating materials at an atomic scale. Dr Aroo explains that the glowing green light was coming from an ion implantation tool that fires ions into a material, altering its properties by replacing one atom at a time.

Their stand has a VR experience that allows people to "become the size of an atom". They also showcase other devices and materials the team has made in collaboration with partner institutions, such as the world's purest silicon, which can be used in future quantum computers. Another component of their stand is a workshop giving kids the opportunity to design their own nanomaterial experiment and watch it come to life on a giant light cube simulation.

Figuring out an engaging yet digestible way to communicate their research was essential, and luckily, the team had some training from the Royal Society on how to best involve people. "I think trying to make it quite hands on was something we decided quite early on rather than it just being information going from us to the public," Dr Arroo explains. "Across ages, people do have that sense of curiosity, whereas if they feel like there's an information overload, I think that tends to turn people off.

Dr Bower adds, "Having that physical interaction... just engaging all the senses as much as possible and making it tangible can kind of [allow people] to get an understanding of what is going on, especially when we're dealing with kind of abstract concepts."

Perhaps simply reading jargon like "nanoparticles" or "quantum computers" on a white board might be enough to turn a lot of people away. In order to form a connection between subject matter that most of us are isolated from, visuals and interaction were at the center of their exhibition, making the science more accessible.

"There were really positive reactions from members of the public," Dr Bower recalls.

"I remember there was one child who got to the end [of designing an experiment], and then was like, 'Can I go again?' So, seeing that excitement [was really great]."

What about science that doesn't glow in the dark?

While VR and laser beams are immediately exciting to most people, research in other subjects doesn't always have the same inherent appeal. How do you get the public excited about something otherwise mundane – like batteries?

Dr Heather Au, a Royal Society University Research Fellow in the Department of Chemical Engineering ran a make-your-own-battery-workshop with her colleagues Dr Maria Crespo Ribadeneyra and Dr Marina Freitag. Dr Au tells *QS Insights Magazine* about the importance of sharing her research, which was on developing sustainable batteries, with the public.

"[We wanted to] give people a taste of the processes that we use in the lab, the materials that we're making, and how we go about testing them. We were thinking of how to do a demonstration, and it's actually quite difficult to make a rechargeable battery," Dr Au explains. They ultimately used materials found in fruits and vegetables as electrodes that would go on to power an LED light.

"It's good to get people involved and have [them] understand the full implications of the technologies they use every day. Because in the end, taking batteries as the example, we use them for everything," Dr Au shares. "I think it is important that people do know where these things are coming from and what the consequences are of these technologies, whether that's on the environment or society."

When asked about the challenges of sharing her research, Dr Au responds, "You have to make [people] understand why something is relevant to them. In the end, if you can't make somebody care about what you're doing, whether they understand it or not, then they're probably not going to put in the effort to try to understand it."

These science festivals are just one of many events hosted by universities and science institutions across the world that aim to get the public involved with their research in a fun, relaxed way.





Good science communication is just as important as good science

The first person to say that science could be of benefit to society was Sir Francis Bacon in his manuscript *New Organon* published in the early 1600s. He suggested that science's ability to better understand the nature of reality could result in an improved quality of life, using the rationale that "human knowledge and human power come to the same thing". Several other science philosophers from that point on would champion this idea, from Paul Feyerabend to Paulo Freire, and some even went as far as to say that the public should be involved in science, as opposed to scientific knowledge remaining exclusively among scientists.

And they were right: "Science is a shared experience," wrote *Nature* in a 2022 editorial on ending racism in science. In fact, science is a human right as established by the Universal Declaration of Human Rights in 1948. Science is a telling of the story of reality as we know it given our current tools, knowledge, and practices. It's a perpetual opportunity to imagine a better world, so long as we're using those tools correctly.

We all know what can ensue when science is poorly practiced or poorly communicated: Chernobyl, COVID-19 and the ongoing climate crisis all come to mind. Not only are scientists and government officials to blame for some of these disasters, but reporters, too, play a role in the spread of misinformation.

Considering the rampant dissemination of pseudoscience in an increasingly online modern world, universities and scientific societies play a paramount role in serving as a source of credibility. This responsibility has become more crucial than ever with the surplus of information available on the internet today, often containing countless conflicting conclusions that leave the public confused and weary. It's all too easy for someone who lacks proper training to misinterpret findings, overlook the nuance of a subject, and make unfounded claims with the quick click of a "post" button for millions to see. It happens nearly every single day on social media. In fact, a number of viral TikTok "challenge" videos have led to mass hospitalisations by making spurious health claims.

Communicating science, however, still has its difficulties even when that communication is coming from an institution like a university. Scientists undergo years of training to acquire highly specialised knowledge and a highly specialised lexicon. Communications and public relations teams within universities are a really great tool that shouldn't be underestimated, but even then, there lingers a small gap. The barrier is not that science is "too difficult" for anyone to understand; the biggest barrier is language.

That's where science communicators come in. Translators of sorts, they bridge the gap between people with science backgrounds and those without. Having an education in both science and communications, science communicators use their knowledge from both fields to try to minimise the barrier between the two.

Science communicators can work with scientists to transform highly technical research papers into digestible media that is engaging for people who are not experts of the subject matter. Giuseppe Forestiere is one such science communicator who specialises in creating animated videos about sustainability and environmental sciences.

"It's always about the story," explains Forestiere. "You want to be accurate, but you want to try to turn [the science] into a story because stories are what draw humans to what you're sharing; they want to feel and to empathise with the story, as well.... Most of the time, if you include that human touch, you can really help overcome the barrier that perhaps many people have when talking about science."

Forestiere describes the impact of using animation as a tool for communicating science to a lay audience. "Most of the time I work with academics and universities, which have, I would say, a very straight approach to the way they want to be precise, of course, in [how] the science is presented. It has to be precise. But on the other hand, it needs to be appealing for people who have no knowledge at all about some topics. I saw that the power of visuals could really help."

Science is for everyone

One of the best ways that universities and science institutions can get the public involved in current research is through dialogue, which is exactly what happens at science festivals like the Royal Society's Summer Science Exhibition. Such events allow people from diverse backgrounds to come together to exchange ideas and incorporate unique perspectives that place science into both local and global contexts with the help of science communicators. And they're just pretty darn cool.

Science isn't perfect: it's inherently flawed and full of limitations. And maybe learning about a new neural pathway involved in the pathological mechanisms of a disease you've never heard of won't necessarily alter the course of your life.

But curiosity and interest aside, there's an urgent need for more than scientists to come together to tackle pressing global matters like climate change and the safe development of new technologies. We need human solutions to human issues, and the more people who bring in different perspectives to science, the better off the world would be. Universities, long serving as a voice of scientific authority, hold the unique position of being able to nurture this discourse in a productive way. That responsibility can be best realised by continuing to take creative, interactive approaches to welcoming the public into the wonderful, shared world of science.

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401-450	Peter the Great St. Petersburg Polytechnic University	RU	451-500	Mansoura University	EG
401-450	Scuola Internazionale Superiore di Studi Avanzati (SISSA)	IT	451-500	Martin-Luther-Universität Halle-Wittenberg	DE
401-450	Stellenbosch University	ZA	451-500	Nantes University	FR
401-450	Swinburne University of Technology	AU	451-500	National Sun Yat-sen University	TW
401-450	The National University of Science and Technology MISIS	RU	451-500	Northwestern Polytechnical University	CN
401-450	The Scripps Research Institute (TSRI)	US	451-500	Palacký University Olomouc	CZ
401-450	TU Dortmund University	DE	451-500	Savitribai Phule Pune University	IN
401-450	Universidad de los Andes	CO	451-500	Shenzhen University	CN
401-450	Universidad de Zaragoza	ES	451-500	Simon Fraser University	CA
401-450	Universidade Federal de Minas Gerais (UFMG)	BR	451-500	Soochow University	CN
401-450	Universidade Federal do Rio Grande Do Sul	BR	451-500	Southeast University	CN
401-450	Universidade Nova de Lisboa	PT	451-500	Sultan Qaboos University	OM
401-450	Université de Lorraine	FR	451-500	Tokyo University of Science	JP
401-450	University of Bayreuth	DE	451-500	Umm Al-Qura University	SA
401-450	University of Connecticut	US	451-500	Universidad Carlos III de Madrid (UC3M)	ES
401-450	University of Delaware	US	451-500	Universidad de Santiago de Chile (USACH)	CL
401-450	University of Genoa	IT	451-500	University at Buffalo SUNY	US
401-450	University of Jordan	JO	451-500	University College Cork	IE
401-450	University of Kwazulu-Natal	ZA	451-500	University of Belgrade	RS
401-450	University of Lausanne	CH	451-500	University of Central Florida	US
401-450	University of Leicester	UK	451-500	University of Galway	IE
401-450	University of Miami	US	451-500	University of Guelph	CA
401-450	University of New Mexico	US	451-500	University of Houston	US
401-450	University of Pretoria	ZA	451-500	University of Ljubljana	SI
401-450	University of the Punjab	PK	451-500	University of Nebraska - Lincoln	US
401-450	University of Trieste	IT	451-500	University of Oregon	US
401-450	University of Victoria (UVic)	CA	451-500	University of Sussex	UK
401-450	Vanderbilt University	US	451-500	University of Szeged	HU
			451-500	University of Texas Dallas	US
			451-500	University of Turku	FI

451-500	Viet Nam National University Ho Chi Minh City (VNU-HCM)	VN
451-500	Wuhan University of Technology	CN
451-500	Zhengzhou University	CN
501-550	Al-Azhar University	EG
501-550	Ankara Üniversitesi	TR
501-550	Beijing University of Technology	CN
501-550	Belarusian State University	BY
501-550	Boğaziçi University	TR
501-550	China Agricultural University	CN
501-550	Emory University	US
501-550	Gadjah Mada University	ID
501-550	George Washington University	US
501-550	Hunan University	CN
501-550	Imam Mohammad Ibn Saud Islamic University – IMSIU	SA
501-550	Institut National des Sciences Appliquées de Lyon (INSA)	FR
501-550	Jawaharlal Nehru University	IN
501-550	Karl-Franzens-Universität Graz	AT
501-550	Kasetsart University	TH
501-550	Kobe University	JP
501-550	Koç University	TR
501-550	Massey University	NZ
501-550	National Chung Hsing University	TW
501-550	Qassim University	SA
501-550	Tampere University	FI
501-550	Technische Universität Braunschweig	DE
501-550	Texas Tech University	US
501-550	The University of Georgia	US
501-550	The University of Lahore	PK
501-550	The University of Tennessee, Knoxville	US
501-550	Ton Duc Thang University	VN
501-550	Tufts University	US
501-550	Universidad Nacional de Córdoba - UNC	AR
501-550	Universidade de Brasília	BR
501-550	Universidade Federal de São Carlos (UFSCar)	BR
501-550	Università degli studi Roma Tre	IT
501-550	University of Bari	IT
501-550	University of Bucharest	RO
501-550	University of Calcutta	IN
501-550	University of Iowa	US
501-550	University of Jyväskylä	FI
501-550	University of Manitoba	CA
501-550	University of Minho	PT
501-550	University of Oklahoma	US
501-550	University of Oulu	FI
501-550	University of Sharjah	AE
501-550	University of South Africa	ZA
501-550	University of South Australia	AU
501-550	University of South Carolina	US
501-550	University of South Florida	US
501-550	University Ulm	DE

Chemistry

1	Harvard University	=49	The Hong Kong University of Science and Technology
2	Massachusetts Institute of Technology (MIT)	=49	The University of New South Wales (UNSW Sydney)
3	University of Cambridge	=51	King Abdulaziz University (KAU)
4	Stanford University	=51	University of Michigan-Ann Arbor
5	University of Oxford	53	Ludwig-Maximilians-Universität München
6	University of California, Berkeley (UCB)	54	McGill University
7	National University of Singapore (NUS)	=55	KIT, Karlsruhe Institute of Technology
8	Nanyang Technological University, Singapore (NTU)	=55	Yonsei University
9	ETH Zurich - Swiss Federal Institute of Technology	=57	Monash University
10	EPFL	=57	The University of Melbourne
11	Imperial College London	59	Sorbonne University
12	Peking University	60	Korea University
13	Tsinghua University	61	King Abdullah University of Science & Technology (KAUST)
14	California Institute of Technology (Caltech)	62	Tokyo Institute of Technology (Tokyo Tech)
=15	Northwestern University	63	The University of Sydney
=15	University of California, Los Angeles (UCLA)	64	The University of Edinburgh
=17	The University of Tokyo	65	Johns Hopkins University
=17	University of Toronto	66	Technical University of Denmark
19	Zhejiang University	67	Uppsala University
20	Seoul National University	68	Texas A&M University
21	Shanghai Jiao Tong University	69	National Taiwan University (NTU)
=22	Technical University of Munich	=70	RWTH Aachen University
=22	The University of Manchester	=70	Tianjin University
24	UCL	=72	The University of Osaka
25	Nanjing University	=72	University of Wisconsin-Madison
26	Fudan University	74	Université Paris-Saclay
=27	Cornell University	75	University of North Carolina, Chapel Hill
=27	KU Leuven	76	Purdue University
29	University of Science and Technology of China	=77	Sungkyunkwan University (SKKU)
30	KAIST - Korea Advanced Institute of Science & Technology	=77	Trinity College Dublin, The University of Dublin
31	Yale University	79	Université PSL
32	Université de Strasbourg	=80	KTH Royal Institute of Technology
33	Kyoto University	=80	University of Glasgow
34	University of Chicago	=82	Hanyang University
35	Princeton University	=82	King's College London
36	University of Pennsylvania	=82	Technische Universität Berlin (TU Berlin)
=37	Delft University of Technology	85	University of Copenhagen
=37	University of California, San Diego (UCSD)	=86	Pennsylvania State University
39	University of Texas at Austin	=86	University of California, Santa Barbara (UCSB)
40	Columbia University	=88	Freie Universitaet Berlin
41	Georgia Institute of Technology	=88	University of Minnesota Twin Cities
42	RUDN University	90	King Saud University
43	University of Illinois at Urbana-Champaign	91	University of Groningen
=44	The University of Hong Kong	92	University of Nottingham
=44	University of Chinese Academy of Sciences	=93	Duke University
=46	The University of Queensland	=93	Technische Universität Dresden
=46	University of British Columbia	=93	Xiamen University
48	Pohang University of Science And Technology (POSTECH)	=96	Lomonosov Moscow State University
		=96	University of Bristol
		=96	Wuhan University
		=99	Eindhoven University of Technology
		=99	King Fahd University of Petroleum & Minerals
		=99	The Australian National University

Earth & Marine Sciences

1	ETH Zurich – Swiss Federal Institute of Technology	51-100	Arizona State University
2	Massachusetts Institute of Technology (MIT)	51-100	Beijing Normal University
3	University of Oxford	51-100	China University of Geosciences
4	University of Cambridge	51-100	Christian-Albrechts-University zu Kiel
5	Harvard University	51-100	Colorado State University
6	California Institute of Technology (Caltech)	51-100	Durham University
7	Stanford University	51-100	Ghent University
8	University of California, Berkeley (UCB)	51-100	Johns Hopkins University
9	Columbia University	51-100	KIT, Karlsruhe Institute of Technology
10	University of Washington	51-100	Kyoto University
11	Tsinghua University	51-100	Ludwig-Maximilians-Universität München
=12	Princeton University	51-100	Lund University
=12	The University of Tokyo	51-100	Monash University
14	Peking University	51-100	Newcastle University
15	Delft University of Technology	51-100	Seoul National University
16	University of Colorado Boulder	51-100	Shanghai Jiao Tong University
17	Imperial College London	51-100	Stockholm University
=18	University of California, Los Angeles (UCLA)	51-100	Sun Yat-sen University
=18	University of Texas at Austin	51-100	Technical University of Denmark
20	University of Leeds	51-100	Technical University of Munich
21	The Australian National University	51-100	The Hong Kong University of Science and Technology
22	University of California, San Diego (UCSD)	51-100	The Ohio State University
23	UCL	51-100	The University of Adelaide
24	Yale University	51-100	The University of Arizona
=25	University of British Columbia	51-100	The University of Manchester
=25	University of Toronto	51-100	The University of Sydney
27	Utrecht University	51-100	The University of Western Australia
28	Nanjing University	51-100	Universidad Nacional Autónoma de México (UNAM)
=29	Colorado School of Mines	51-100	Universität Bremen
=29	The University of Hong Kong	51-100	Universität de Barcelona
=29	The University of Melbourne	51-100	Universität Potsdam
32	University of Bristol	51-100	Université de Montpellier
=33	Pennsylvania State University	51-100	Université Paris-Saclay
=33	Wuhan University	51-100	Université PSL
35	Sorbonne University	51-100	University of Alberta
36	The University of Edinburgh	51-100	University of Bergen
=37	The University of New South Wales (UNSW Sydney)	51-100	University of Bern
=37	Wageningen University & Research	51-100	University of California, Davis
39	Curtin University	51-100	University of California, Santa Barbara (UCSB)
=40	Université Grenoble Alpes	51-100	University of Chicago
=40	University of Southampton	51-100	University of Chinese Academy of Sciences
42	Nanyang Technological University, Singapore (NTU)	51-100	University of Copenhagen
43	Texas A&M University	51-100	University of Hawai'i at Mānoa
=44	The University of Exeter	51-100	University of Illinois at Urbana-Champaign
=44	The University of Queensland	51-100	University of Oslo
46	McGill University	51-100	University of Science and Technology of China
47	Cornell University	51-100	University of St Andrews
48	University of Michigan–Ann Arbor	51-100	University of Tasmania
=49	University of Maryland, College Park	51-100	University of Wisconsin–Madison
=49	University of Reading	51-100	Zhejiang University

Environmental Sciences

1	Harvard University	51	Korea University
2	Tsinghua University	52	The Australian National University
3	Wageningen University & Research	53	Ghent University
4	University of Oxford	54	Harbin Institute of Technology
5	Stanford University	55	EPFL
6	Massachusetts Institute of Technology (MIT)	=56	The Hong Kong University of Science and Technology
7	University of California, Berkeley (UCB)	=56	Universitat de Barcelona
8	ETH Zurich - Swiss Federal Institute of Technology	58	University of Texas at Austin
9	University of Cambridge	59	University of Leeds
10	National University of Singapore (NUS)	60	Universidade de São Paulo
11	Imperial College London	=61	KU Leuven
12	Peking University	=61	Politecnico di Milano
13	Nanyang Technological University, Singapore (NTU)	63	University of Chinese Academy of Sciences
14	Yale University	=64	University of Wisconsin-Madison
15	The University of Queensland	=64	Yonsei University
16	Delft University of Technology	=66	Hanyang University
17	University of British Columbia	=66	The University of Sydney
=18	Columbia University	=66	University of Colorado Boulder
=18	University of Michigan-Ann Arbor	=69	Arizona State University
20	University of California, Los Angeles (UCLA)	=69	Michigan State University
=21	McGill University	=69	Monash University
=21	University of Toronto	=72	Swedish University of Agricultural Sciences
23	Zhejiang University	=72	Tongji University
24	The University of Melbourne	=72	University of Copenhagen
25	University of California, Davis	=75	KIT, Karlsruhe Institute of Technology
26	Nanjing University	=75	Purdue University
=27	The Hong Kong Polytechnic University	=75	Technical University of Munich
=27	The University of Hong Kong	78	University of Alberta
=29	California Institute of Technology (Caltech)	=79	University of Minnesota Twin Cities
=29	Cornell University	=79	Wuhan University
31	Shanghai Jiao Tong University	81	KTH Royal Institute of Technology
=32	Seoul National University	82	University of Florida
=32	Texas A&M University	=83	Universidad Nacional Autónoma de México (UNAM)
=32	The University of Tokyo	=83	University of Science and Technology of China
=32	UCL	85	University of Helsinki
=36	Georgia Institute of Technology	86	University of Technology Sydney
=36	The University of Exeter	87	The University of Adelaide
38	The University of New South Wales (UNSW Sydney)	=88	Colorado State University
39	Stockholm University	=88	Kyoto University
40	Princeton University	=90	Technische Universität Berlin (TU Berlin)
41	University of Illinois at Urbana-Champaign	=90	The Chinese University of Hong Kong (CUHK)
=42	The University of Edinburgh	92	KAIST - Korea Advanced Institute of Science & Technology
=42	The University of Manchester	93	National Taiwan University (NTU)
=44	Lund University	=94	Fudan University
=44	Technical University of Denmark	=94	Indian Institute of Technology Delhi (IITD)
46	Duke University	96	Humboldt-Universität zu Berlin
47	Pennsylvania State University	97	RWTH Aachen University
=48	Johns Hopkins University	=98	Beijing Normal University
=48	Utrecht University	=98	Indian Institute of Technology Bombay (IITB)
50	University of Washington	=98	Newcastle University

Geography

1	University of Oxford	51-100	Arizona State University
2	The London School of Economics and Political Science (LSE)	51-100	Cardiff University
3	University of Cambridge	51-100	Korea University
4	UCL	51-100	Kyoto University
5	University of California, Berkeley (UCB)	51-100	McGill University
6	National University of Singapore (NUS)	51-100	Monash University
7	University of California, Los Angeles (UCLA)	51-100	National Taiwan University (NTU)
8	University of Amsterdam	51-100	Pennsylvania State University
9	Peking University	51-100	Pontificia Universidad Católica de Chile (UC)
10	The University of Hong Kong	51-100	Renmin (People's) University of China
11	Durham University	51-100	RMIT University
12	University of British Columbia	51-100	Royal Holloway University of London
13	University of Toronto	51-100	Sapienza University of Rome
14	King's College London	51-100	Shanghai Jiao Tong University
15	Tsinghua University	51-100	SOAS University of London
16	The University of Tokyo	51-100	Sun Yat-sen University
17	The University of Melbourne	51-100	The Hong Kong University of Science and Technology
18	The University of Manchester	51-100	The Ohio State University
19	The Chinese University of Hong Kong (CUHK)	51-100	The University of Auckland
20	The Australian National University	51-100	The University of New South Wales (UNSW Sydney)
21	The University of Edinburgh	51-100	The University of Queensland
22	Utrecht University	51-100	Trinity College Dublin, The University of Dublin
=23	Humboldt-Universität zu Berlin	51-100	Universidad de Chile
=23	University of Leeds	51-100	Universidad de los Andes
25	The University of Sydney	51-100	Universidad Nacional Autónoma de México (UNAM)
26	Leiden University	51-100	Universidade de São Paulo
27	University of Bristol	51-100	Universitat Autònoma de Barcelona
28	Lund University	51-100	Université catholique de Louvain (UCLouvain)
=29	University of Chicago	51-100	Université libre de Bruxelles
=29	University of Copenhagen	51-100	Universiti Malaya (UM)
31	KU Leuven	51-100	University of Birmingham
32	Beijing Normal University	51-100	University of California, Santa Barbara (UCSB)
33	Freie Universitaet Berlin	51-100	University of Canterbury Te Whare Wānanga o Waitaha
=34	Nanjing University	51-100	University of Glasgow
=34	Université Paris 1 Panthéon-Sorbonne	51-100	University of Groningen
36	Newcastle University	51-100	University of Helsinki
=37	Fudan University	51-100	University of Liverpool
=37	The Hong Kong Polytechnic University	51-100	University of Minnesota Twin Cities
39	The University of Sheffield	51-100	University of North Carolina, Chapel Hill
40	The University of Exeter	51-100	University of Nottingham
=41	New York University (NYU)	51-100	University of Oslo
=41	University of Michigan-Ann Arbor	51-100	University of St Andrews
43	Alma Mater Studiorum - University of Bologna	51-100	University of Sussex
44	Nanyang Technological University, Singapore (NTU)	51-100	University of Texas at Austin
45	Wuhan University	51-100	University of Washington
46	Stockholm University	51-100	University of Zurich
47	University of Vienna	51-100	Uppsala University
48	Seoul National University	51-100	Wageningen University & Research
=49	Cornell University	51-100	Waseda University
=49	University of Wisconsin-Madison	51-100	Yonsei University
		51-100	Zhejiang University

Geology

1	ETH Zurich – Swiss Federal Institute of Technology	51-100	Arizona State University
2	University of Oxford	51-100	Beijing Normal University
3	Harvard University	51-100	Christian-Albrechts-University zu Kiel
4	Massachusetts Institute of Technology (MIT)	51-100	Colorado School of Mines
5	University of Cambridge	51-100	Cornell University
6	California Institute of Technology (Caltech)	51-100	Durham University
7	University of California, Berkeley (UCB)	51-100	Fudan University
8	University of Washington	51-100	Georgia Institute of Technology
=9	Columbia University	51-100	Ghent University
=9	Stanford University	51-100	Johns Hopkins University
11	China University of Geosciences	51-100	KIT, Karlsruhe Institute of Technology
12	Princeton University	51-100	KU Leuven
13	Peking University	51-100	Kyoto University
14	University of Colorado Boulder	51-100	Ludwig-Maximilians-Universität München
15	University of Leeds	51-100	Lund University
=16	Delft University of Technology	51-100	Monash University
=16	The University of Tokyo	51-100	Newcastle University
18	Tsinghua University	51-100	Seoul National University
19	Utrecht University	51-100	Stockholm University
20	Wuhan University	51-100	Sun Yat-sen University
21	Imperial College London	51-100	Technical University of Denmark
=22	Nanjing University	51-100	Technical University of Munich
=22	UCL	51-100	The Hong Kong Polytechnic University
=22	Université Grenoble Alpes	51-100	The Hong Kong University of Science and Technology
=22	University of California, Los Angeles (UCLA)	51-100	The Ohio State University
26	The Australian National University	51-100	The University of Adelaide
27	University of California, San Diego (UCSD)	51-100	The University of Manchester
=28	The University of New South Wales (UNSW Sydney)	51-100	The University of Sydney
=28	Yale University	51-100	Universidad Nacional Autónoma de México (UNAM)
30	University of Toronto	51-100	Universität Bremen
31	Sorbonne University	51-100	Universitat de Barcelona
32	University of Texas at Austin	51-100	Universität Potsdam
33	The University of Edinburgh	51-100	Université de Montpellier
34	The University of Melbourne	51-100	Université Paris-Saclay
35	University of British Columbia	51-100	Université Paul Sabatier Toulouse III
36	Wageningen University & Research	51-100	University of Alberta
=37	Curtin University	51-100	University of Bergen
=37	Pennsylvania State University	51-100	University of Bern
39	The University of Exeter	51-100	University of California, Davis
40	The University of Queensland	51-100	University of California, Irvine
=41	McGill University	51-100	University of California, Santa Barbara (UCSB)
=41	University of Maryland, College Park	51-100	University of Copenhagen
43	University of Bristol	51-100	University of Illinois at Urbana-Champaign
=44	Nanyang Technological University, Singapore (NTU)	51-100	University of Michigan–Ann Arbor
=44	Texas A&M University	51-100	University of Science and Technology of China
46	The University of Hong Kong	51-100	University of Southampton
47	Université PSL	51-100	University of St Andrews
48	The University of Arizona	51-100	University of Tasmania
49	The University of Western Australia	51-100	University of Vienna
=50	Colorado State University	51-100	University of Wisconsin–Madison
=50	University of Chinese Academy of Sciences	51-100	Zhejiang University
=50	University of Oslo		

Geophysics

1	ETH Zurich – Swiss Federal Institute of Technology	51-100	Arizona State University
2	University of Oxford	51-100	Beijing Normal University
3	Harvard University	51-100	China University of Geosciences
=4	California Institute of Technology (Caltech)	51-100	Christian-Albrechts-University zu Kiel
=4	Massachusetts Institute of Technology (MIT)	51-100	Durham University
6	University of Cambridge	51-100	EPFL
7	Columbia University	51-100	Georgia Institute of Technology
8	University of California, Berkeley (UCB)	51-100	Ghent University
9	University of Washington	51-100	Johns Hopkins University
10	Stanford University	51-100	KIT, Karlsruhe Institute of Technology
11	University of Colorado Boulder	51-100	KU Leuven
12	Princeton University	51-100	Kyoto University
13	Delft University of Technology	51-100	Ludwig-Maximilians-Universität München
14	University of Leeds	51-100	Lund University
15	Peking University	51-100	Monash University
16	The University of Tokyo	51-100	Newcastle University
17	Utrecht University	51-100	Seoul National University
=18	Tsinghua University	51-100	Stockholm University
=18	Wuhan University	51-100	Sun Yat-sen University
=20	Imperial College London	51-100	Technical University of Denmark
=20	University of California, San Diego (UCSD)	51-100	Technical University of Munich
22	The Australian National University	51-100	The Hong Kong University of Science and Technology
23	Université Grenoble Alpes	51-100	The Ohio State University
24	University of California, Los Angeles (UCLA)	51-100	The University of Adelaide
=25	Nanjing University	51-100	The University of Manchester
=25	UCL	51-100	The University of Sydney
27	Sorbonne University	51-100	The University of Western Australia
28	University of Texas at Austin	51-100	Universidad Nacional Autónoma de México (UNAM)
=29	University of British Columbia	51-100	Universität Bremen
=29	University of Toronto	51-100	Universität de Barcelona
31	The University of New South Wales (UNSW Sydney)	51-100	Universität Potsdam
32	Yale University	51-100	Université de Montpellier
=33	The University of Edinburgh	51-100	Université Paris Cité
=33	Wageningen University & Research	51-100	Université Paris-Saclay
35	The University of Melbourne	51-100	Université Paul Sabatier Toulouse III
36	Pennsylvania State University	51-100	University of Alberta
=38	McGill University	51-100	University of Bergen
=38	University of Bristol	51-100	University of Bern
=40	Texas A&M University	51-100	University of California, Davis
=40	University of Maryland, College Park	51-100	University of California, Irvine
=42	Cornell University	51-100	University of California, Santa Barbara (UCSB)
=42	Curtin University	51-100	University of Copenhagen
=42	Nanyang Technological University, Singapore (NTU)	51-100	University of Illinois at Urbana-Champaign
=42	Université PSL	51-100	University of Michigan–Ann Arbor
=46	Colorado State University	51-100	University of Oslo
=46	The University of Hong Kong	51-100	University of Southampton
=46	The University of Queensland	51-100	University of St Andrews
49	The University of Arizona	51-100	University of Tasmania
50	University of Chinese Academy of Sciences	51-100	University of Vienna
		51-100	University of Wisconsin–Madison
		51-100	Vrije Universiteit Amsterdam
		51-100	Zhejiang University

Materials Science

1	Massachusetts Institute of Technology	=49	Sungkyunkwan University (SKKU)
2	Nanyang Technological University, Singapore (NTU)	52	City University of Hong Kong
3	Stanford University	53	UCL
4	University of Cambridge	54	Nanjing University
5	Harvard University	=55	The University of Hong Kong
=6	National University of Singapore (NUS)	=55	University of British Columbia
=6	Tsinghua University	=57	Hanyang University
8	University of Oxford	=57	Kyoto University
9	University of California, Berkeley (UCB)	=57	McGill University
10	EPFL	60	The University of Queensland
=11	ETH Zurich - Swiss Federal Institute of Technology	61	The University of Sheffield
=11	Imperial College London	=62	Carnegie Mellon University
13	Georgia Institute of Technology	=62	Technical University of Denmark
14	Peking University	=64	University of Pennsylvania
15	Delft University of Technology	=64	Xi'an Jiaotong University
16	Shanghai Jiao Tong University	=66	Tokyo Institute of Technology (Tokyo Tech)
17	University of California, Los Angeles (UCLA)	=66	University of Birmingham
18	KAIST - Korea Advanced Institute of Science & Technology	=68	Huazhong University of Science and Technology
=19	Northwestern University	=68	The University of Melbourne
=19	Seoul National University	=68	Tohoku University
21	The University of Manchester	=68	University of California, San Diego (UCSD)
22	The University of Tokyo	=72	Politecnico di Torino
23	Zhejiang University	=72	The Hong Kong Polytechnic University
24	Pohang University of Science And Technology (POSTECH)	74	Princeton University
25	KIT, Karlsruhe Institute of Technology	75	Technische Universität Berlin (TU Berlin)
26	California Institute of Technology	76	The University of Sydney
27	The University of New South Wales	=77	Beijing Institute of Technology
28	University of Illinois at Urbana-Champaign	=77	RMIT University
=29	KTH Royal Institute of Technology	79	National Taiwan University (NTU)
=29	Monash University	=80	Université PSL
=31	Technical University of Munich	=80	University of Science and Technology Beijing
=31	University of Science and Technology of China	=82	Columbia University
=33	Technische Universität Dresden	=82	Linköping University
=33	University of California, Santa Barbara	=82	Rice University
35	Yonsei University	=82	University of Waterloo
36	University of Toronto	=86	Eindhoven University of Technology
=37	Fudan University	=86	Ghent University
=37	Pennsylvania State University	88	Chalmers University of Technology
=39	RWTH Aachen University	89	Trinity College Dublin, The University of Dublin
=39	The Hong Kong University of Science and Technology	90	Norwegian University of Science And Technology
=41	King Abdullah University of Science & Technology (KAUST)	=91	Université Paris-Saclay
=41	Politecnico di Milano	=91	Universiti Malaya (UM)
=43	Cornell University	=93	Texas A&M University
=43	KU Leuven	=93	Université de Strasbourg
=43	University of Texas at Austin	=95	Friedrich-Alexander-Universität Erlangen-Nürnberg
46	Harbin Institute of Technology	=95	Indian Institute of Science
=47	University of Chinese Academy of Sciences	=95	Uppsala University
=47	University of Michigan-Ann Arbor	=98	Indian Institute of Technology Delhi (IITD)
=49	Korea University	=98	Yale University
=49	Purdue University	100	Johns Hopkins University

Mathematics

1	Massachusetts Institute of Technology (MIT)	=52	Brown University
2	Harvard University	=52	Lomonosov Moscow State University
3	University of Oxford	54	The University of Melbourne
4	University of Cambridge	55	Kyoto University
5	Stanford University	56	University of Illinois at Urbana-Champaign
6	University of California, Berkeley (UCB)	=57	Duke University
7	Princeton University	=57	Rheinische Friedrich-Wilhelms-Universität Bonn
8	ETH Zurich - Swiss Federal Institute of Technology	59	King's College London
9	National University of Singapore (NUS)	=60	City University of Hong Kong
10	Imperial College London	=60	Yonsei University
11	Tsinghua University	62	Technische Universität Berlin (TU Berlin)
12	Carnegie Mellon University	63	Johns Hopkins University
=13	Peking University	=64	Harbin Institute of Technology
=13	University of California, Los Angeles (UCLA)	=64	University of Washington
15	New York University (NYU)	66	The Hong Kong Polytechnic University
=16	California Institute of Technology (Caltech)	=67	University of California, San Diego (UCSD)
=16	University of Toronto	=67	University of Science and Technology of China
18	Sorbonne University	69	Technical University of Munich
19	Shanghai Jiao Tong University	=70	KTH Royal Institute of Technology
20	Nanyang Technological University, Singapore (NTU)	=70	Texas A&M University
21	Columbia University	=72	Delft University of Technology
22	University of Chicago	=72	McGill University
23	EPFL	74	Université de Montréal
24	King Abdulaziz University (KAU)	=75	KU Leuven
25	The University of Tokyo	=75	The London School of Economics and Political Science (LSE)
26	University of Michigan-Ann Arbor	=75	University of Wisconsin-Madison
27	Georgia Institute of Technology	=78	King Saud University
28	Université Paris-Saclay	=78	Monash University
29	Yale University	=80	Pennsylvania State University
30	Université PSL	=80	RUDN University
31	The University of Warwick	82	Sapienza University of Rome
32	The University of Edinburgh	83	Purdue University
33	The University of Hong Kong	=84	King Fahd University of Petroleum & Minerals
=34	Fudan University	=84	University of Maryland, College Park
=34	University of British Columbia	86	Wuhan University
36	Cornell University	87	Queen Mary University of London
37	Institut Polytechnique de Paris	=88	Universidade de São Paulo
=38	Politecnico di Milano	=88	University of Amsterdam
=38	The University of Sydney	90	Nanjing University
=38	UCL	=91	Indian Institute of Technology Madras (IITM)
41	University of Pennsylvania	=91	Université Paris Cité
42	The Chinese University of Hong Kong (CUHK)	=93	Pohang University of Science And Technology (POSTECH)
=43	The Hong Kong University of Science and Technology	=93	University of Bristol
=43	University of Texas at Austin	95	Indian Institute of Technology Delhi (IITD)
=43	Zhejiang University	96	Northwestern University
46	Seoul National University	97	Michigan State University
47	University of Waterloo	98	The University of Auckland
48	The University of New South Wales (UNSW Sydney)	=99	Indian Institute of Technology Bombay (IITB)
49	The University of Manchester	=99	Moscow Institute of Physics and Technology (MIPT / Moscow Phystech)
=50	KAIST - Korea Advanced Institute of Science & Technology		
=50	The Australian National University		

Physics

1	Massachusetts Institute of Technology (MIT)	50	Tohoku University
2	Harvard University	51	Tokyo Institute of Technology (Tokyo Tech)
3	University of Oxford	52	The University of Edinburgh
4	Stanford University	53	Johns Hopkins University
5	University of Cambridge	54	KTH Royal Institute of Technology
6	University of California, Berkeley (UCB)	=55	Northwestern University
7	California Institute of Technology (Caltech)	=55	The Australian National University
8	ETH Zurich - Swiss Federal Institute of Technology	=57	KIT, Karlsruhe Institute of Technology
9	The University of Tokyo	=57	The University of Osaka
10	Princeton University	=57	University of Amsterdam
11	Imperial College London	=60	Lomonosov Moscow State University
12	Tsinghua University	=60	Zhejiang University
13	Peking University	62	The Hong Kong University of Science and Technology
=14	National University of Singapore (NUS)	63	Carnegie Mellon University
=14	University of California, Los Angeles (UCLA)	64	Korea University
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17	EPFL	=65	Pennsylvania State University
18	University of Chicago	=65	The University of Hong Kong
19	Université Paris-Saclay	=65	University of Washington
20	Yale University	=69	McGill University
21	Cornell University	=69	Universidad Autónoma de Madrid
22	Columbia University	=71	RWTH Aachen University
23	Technical University of Munich	=71	Yonsei University
24	Seoul National University	73	KU Leuven
=25	University of California, Santa Barbara (UCSB)	74	National Taiwan University (NTU)
=25	University of Illinois at Urbana-Champaign	=75	University of Southampton
=27	UCL	=75	University of Waterloo
=27	Université PSL	77	Università di Padova
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30	KAIST - Korea Advanced Institute of Science & Technology	=78	Purdue University
31	University of Toronto	80	Politecnico di Milano
32	University of Science and Technology of China	=81	The University of Melbourne
33	University of Michigan-Ann Arbor	=81	The University of Sydney
34	Georgia Institute of Technology	=83	Nagoya University
35	Sorbonne University	=83	The University of New South Wales (UNSW Sydney)
36	University of Texas at Austin	=85	National Tsing Hua University
37	Pohang University of Science And Technology (POSTECH)	=85	University of Chinese Academy of Sciences
38	Fudan University	=85	University of Wisconsin-Madison
39	Ludwig-Maximilians-Universität München	=88	Durham University
40	Sapienza University of Rome	=88	Monash University
=41	Delft University of Technology	=88	National Research Nuclear University MEPhI (Moscow Engineering Physics Institute)
=41	University of Maryland, College Park	91	New York University (NYU)
=41	University of Pennsylvania	=92	Duke University
=44	Ruprecht-Karls-Universität Heidelberg	=92	Universidade de São Paulo
=44	Shanghai Jiao Tong University	=92	Universitat de Barcelona
=44	University of British Columbia	95	University of Geneva
=44	University of California, San Diego (UCSD)	96	Michigan State University
48	Institut Polytechnique de Paris	=97	Rice University
49	The University of Manchester	=97	Universität Hamburg
		=97	University of Copenhagen
		=100	Technische Universität Berlin (TU Berlin)
		=100	Université Grenoble Alpes

Social Sciences & Management

Hustlers

By Julia Gilmore

Universities are melting pots for innovation, producing cutting edge research that changes the way we think about the world, and bringing the best and brightest minds together in the pursuit of knowledge. Under these circumstances, it's unsurprising that universities are also often hubs for entrepreneurship, with students, both current and former, utilising the know-how and facilities offered by higher education institutions to set up their own businesses.

Changing the world, one idea at a time

In times of upheaval and change, many aspiring entrepreneurs are focusing on making the world a better place through their innovative business ideas, often based on challenges they've faced in their own lives.

Former tech consultant and Durham University graduate Ofentse Lekwane was inspired to return to her alma mater to establish her startup Wakari based on her lived experience with disabilities in the corporate world. Wakari is a practical accessibility index designed to assess, measure and enhance an organisation's advancement towards disability inclusion, and Lekwane was supported in developing the tool at Durham's Venture Lab, along with mentor Joanna Berry.

She admits that taking the leap into founding her own business was not easy: "Part of my personality is that I've always loved entrepreneurship, but I've always been very risk averse, and I couldn't really find the time when I was ready to quit my 9-5 and go straight into entrepreneurship.

"I responded to a request from Durham for alumni business proposals which gave me the perfect reason to start [Wakari] – it allowed me to take time; six months of a lot of work, experimentation, advice from business practitioners, and support to start a business."

Lekwane has received funding from Innovate UK, the UK government innovation agency, to continue to develop Wakari's important work towards building more inclusive workplaces. The connections that she's made through this have been invaluable: "Entrepreneurship can be quite lonely; you have to wear so many hats – every day you're finding out the things you're doing wrong! But the magic of the [Innovate UK] network is that you're not alone...it's about give and take."

A personal connection was also what inspired Samuel Tecuala in founding Dehusk, a sustainable coconut milk brand, after coming to terms with his own lactose intolerance – an intolerance he found he shares with more than 80 percent of Asians. Tecuala was also concerned about the impact of the dairy industry on the planet, with a litre of dairy milk creating two to five times more carbon footprint than any plant-based milk.

As a student on King's Business School's Business Management bachelor's degree, Tecuala was supported along the way in founding his business by the university. He enthused about the opportunities studying at the prestigious London institution have afforded him:

"The prestige of a King's education and the networking opportunities I get to access because of the amazing community King's cultivates... is something I continue to

leverage when talking to key stakeholders of Dehusk, whether investors or customers.”

Last year, Dehusk was named one of the top 100 startups in the Philippines, something that made Tecuala feel “shock, warmth, and pride”. He comments: “The recognition is a validation that my conviction of moving back [to the Philippines] to hopefully create a significant impact in my community is applauded by the country’s business and thought leaders and our mission to solve the problems we try to solve is recognised.”

From the lecture theatre to the boardroom

Entrepreneurship is by no means limited to those with a business background, with many students from other disciplines utilising the skills and knowledge gained in their university subjects to inform their startups.

Cheryl Tan is the co-founder of TrialeX, and a postdoctoral researcher at the University of Oxford. TrialeX is aimed at driving medical innovation and progress by streamlining and enhancing access to clinical trials, and was inspired by inefficiencies Tan herself saw during her PhD. She says: “We want to build a platform that will bridge the gap between scientists and participants and to allow them to understand more about clinical trials, remove any stigma and enhance recruitment and retention.”

Tan and her co-founders have received support from Oxford’s Saïd Business School, which “paid for me to attend women in entrepreneurship courses, where they select a small group of individuals that would like to learn about entrepreneurship, especially those in STEM, and that’s where I met my co-founders”.

She adds: “Despite the fact that we are not from the business school, there are lots of programs that bridge the gap between people that are not within the business school ecosystem. They are trying to reinforce this intra-departmental collaboration, which I find really helpful.”

Another student who used their scientific know-how to start a business is Guy Sandelowsky, founder of plant-based dog food brand Omni. Prior to starting an MBA at Imperial College London’s business school, Sandelowsky was a veterinarian for 10 years.

“Being a clinician was rewarding, but I recognised that my impact was limited to the animals I would treat directly,” says, adding that through the business, he felt could have an even bigger positive impact.

“Combining my clinical expertise with business know-how would allow me to change the lives of thousands and even millions of pets, for the better. It was this vision that drove me to undertake an MBA, and I chose Imperial due to the highly specialised and world-renowned entrepreneurial focus of the business school.”

Sandelowsky found the core business modules of his MBA (including accounting and marketing) “vital” when starting his own company, and that he was able to “build on these foundations by choosing electives specific to what I needed for Omni, such as how to internationalise the business, a deep dive into consumer behaviour and how to build a disruptive brand that was going to change the sector for good”.

Mentorship fosters success

Something that is made eminently clear when speaking to these entrepreneurs is that they have a great deal of gratitude towards the educational institutions who have supported and mentored them along the way.

Dries Dederen and Just Goossens met at Netherland’s Rotterdam School of Management (Erasmus University), and, alongside their own separate businesses, started software development company Zalm Partners together. Dederen explains: “We met

on the Talented Student Entrepreneur program, and thought: you're a high performer, I'm a high performer, let's 'high perform' together! So, we set up a business together because of that program."

They credit the program at RSM with not only bringing them together as business partners but supporting their businesses with study advisors, office space and networking events. In fact, Dederen and Goossens will be co-hosting the Talented Student Entrepreneur Program this year with RSM, sharing their expertise and offering mentorship to the next generation of startup co-founders. Dederen comments that in their office currently they are the youngest business owners, and that they're looking forward to "getting in touch with other student entrepreneurs with the same vision and passion".

Joanna Berry is the Associate Dean, External Engagement for the Faculty of Business and Professor of Entrepreneurship at Durham University in the UK, taking a keen interest in teaching and mentoring students (including Wakari's Ofentse Lekwane) to reach their full potential in business. Berry is keen to emphasise that Durham doesn't see entrepreneurship as limited to the business school, noting that: "Right from day one, when they come into the university, we are careful to try and ensure that they understand that entrepreneurship is a state of mind as much as a set of activities, and that it's something that is accessible whoever you are.

"We try very hard to ensure that we expose them to the world of entrepreneurship, not just through their modules and the stuff that we teach them, but through master classes, workshops, guest speakers, factory visits, you name it."

Durham University's Venture Lab is a purpose-built space for entrepreneurship, enabling entrepreneurial students and graduates to 'connect, collaborate and form a community.' Berry is enthusiastic about how the Venture Lab enables students and graduates to grow their ideas into fully-fledged businesses:

"You need to get to know people and get under their skin to find out what they really want in order to connect them properly. That's one of the things that the Venture Lab does extremely well. It gets to know its students. It gets to know their personal drivers, what their motivations are, what their real responsive sort of points are, and then puts them in touch with people who can really help them."

Berry's own mentorship duties are very important to her, and her commitment to helping would-be entrepreneurs, particularly women who may be suffering from 'imposter syndrome,' really showcases just how vital having someone on your team at a university can be when starting a new business venture:

"Self-belief is a tough thing to create for yourself, it's really helpful to have somebody beside you who's saying, 'I believe in you, I know you can'. That to me is the important bit of mentoring. It's a bit like teaching: to teach is to learn twice, to mentor is to learn twice as well, because I learn just as much from mentoring people as I do from my own mentors."

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250 | **300**

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3	Stanford University	US	53	Université Paris 1 Panthéon-Sorbonne	FR
4	Massachusetts Institute of Technology (MIT)	US	54	The Hong Kong University of Science and Technology	HK
5	University of Cambridge	UK	55	Duke University	US
6	The London School of Economics and Political Science (LSE)	UK	56	University of Texas at Austin	US
7	University of California, Berkeley (UCB)	US	57	The University of Queensland	AU
8	Yale University	US	58	Fudan University	CN
9	University of Chicago	US	59	Yonsei University	SK
10	National University of Singapore (NUS)	SG	60	Universidad de los Andes	CO
11	Columbia University	US	=61	KU Leuven	BE
12	Università Commerciale Luigi Bocconi (Bocconi University)	IT	=61	The Hong Kong Polytechnic University	HK
13	Peking University	CN	63	The University of Auckland	NZ
14	University of Toronto	CA	=64	Alma Mater Studiorum - University of Bologna	IT
15	University of California, Los Angeles (UCLA)	US	=64	Korea University	SK
16	University of Pennsylvania	US	=64	Shanghai Jiao Tong University	CN
17	New York University (NYU)	US	67	Universidad de Chile	CL
18	Tsinghua University	CN	68	University of Navarra	ES
19	UCL	UK	69	Boston University	US
20	University of British Columbia	CA	70	City University of Hong Kong	HK
21	Nanyang Technological University, Singapore (NTU)	SG	=71	Pennsylvania State University	US
22	The University of Hong Kong	HK	=71	Universiti Malaya (UM)	MY
=23	London Business School	UK	73	National Taiwan University (NTU)	TW
=23	The University of New South Wales (UNSW Sydney)	AU	74	Zhejiang University	CN
=25	Pontificia Universidad Católica de Chile (UC)	CL	75	Indian Institute of Technology Delhi (IITD)	IN
=25	University of Michigan-Ann Arbor	US	76	Sciences Po	FR
27	The University of Melbourne	AU	77	Michigan State University	US
28	Princeton University	US	78	Humboldt-Universität zu Berlin	DE
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=29	University of Amsterdam	NL	=79	King Abdulaziz University (KAU)	SA
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=32	The University of Tokyo	JP	=82	University of Leeds	UK
=32	Universidad Nacional Autónoma de México (UNAM)	MX	=82	University of St.Gallen (HSG)	CH
34	Cornell University	US	84	Lomonosov Moscow State University	RU
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=36	The Australian National University	AU	=86	HSE University	RU
=36	The University of Manchester	UK	=86	Trinity College Dublin, The University of Dublin	IE
38	The University of Sydney	AU	=86	Universitat Ramon Llull	ES
39	McGill University	CA	=89	Indian Institute of Technology Bombay (IITB)	IN
40	Erasmus University Rotterdam	NL	=89	Luis Guido Carli University	IT
41	Seoul National University	SK	=91	Politecnico di Milano	IT
42	The University of Warwick	UK	=91	Universidad Carlos III de Madrid (UC3M)	ES
=43	HEC Paris	FR	=91	Universität Mannheim	DE
=43	Imperial College London	UK	=91	University of Washington	US
=43	Universidade de São Paulo	BR	95	University of Glasgow	UK
46	King's College London	UK	=96	Carnegie Mellon University	US
=47	The Chinese University of Hong Kong (CUHK)	HK	=96	Ludwig-Maximilians-Universität München	DE
=47	The University of Edinburgh	UK	98	University of Southern California	US
49	Universidad de Buenos Aires (UBA)	AR	=99	Oxford Brookes University	UK
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			=99	Stockholm School of Economics	SE
			=99	Waseda University	JP

=103	ESSEC Business School, Paris	FR	=150	University of Technology Sydney	AU
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=107	Durham University	UK	=156	University of Vienna	AT
=107	Freie Universitaet Berlin	DE	=159	Renmin (People's) University of China	CN
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=107	University of California, San Diego (UCSD)	US	=159	University of Bath	UK
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118	King Fahd University of Petroleum & Minerals	SA	=169	George Washington University	US
=119	Arizona State University	US	=169	The University of Western Australia	AU
=119	Johns Hopkins University	US	=169	Universidade Federal do Rio de Janeiro	BR
=119	Sapienza University of Rome	IT	=172	Cardiff University	UK
=119	WU (Vienna University of Economics and Business)	AT	=172	Middle East Technical University	TR
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=123	The Ohio State University	US	=176	Universitas Indonesia	ID
=123	University of Copenhagen	DK	=176	Universiti Sains Malaysia (USM)	MY
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=212	RMIT University	AU	=262	Dartmouth College	US
=212	University of Cape Town	ZA	=262	Imam Abdulrahman Bin Faisal University (IAU) (formerly UNIVERSITY OF DAMMAM)	SA
=212	Zayed University	AE	=262	University of Gothenburg	SE
=216	Hitotsubashi University	JP	=262	University of Milan	IT
=216	Indian Institute of Management (IIM) - Calcutta	IN	266	Central European University	AT
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=216	University of Warsaw	PL	=267	University of Calgary	CA
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=221	Sungkyunkwan University (SKKU)	SK	=270	University of Otago	NZ
=221	Universität Hamburg	DE	=270	University of York	UK
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=234	Swansea University	UK	=284	American University of Beirut (AUB)	LB
=234	University of Liverpool	UK	=284	The American University in Cairo	EG
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=243	Qatar University	QA	=290	Ural Federal University - UrFU	RU
=243	Sun Yat-sen University	CN	296	United Arab Emirates University	AE
248	Università di Padova	IT	=297	BI Norwegian Business School	NO
=249	Chandigarh University	IN	=297	Lahore University of Management Sciences (LUMS)	PK
=249	National Cheng Kung University (NCKU)	TW	=297	Qassim University	SA
=249	Universiti Teknologi Malaysia	MY	=297	Universidad del Rosario	CO
			=297	Xiamen University	CN

=302	Essex, University of	UK	=350	University College Cork	IE
=302	University of Ottawa	CA	=354	L.N. Gumilyov Eurasian National University (ENU)	KZ
=302	Wageningen University & Research	NL	=354	McMaster University	CA
=305	National Tsing Hua University	TW	=356	Al-Ahliyya Amman University	JO
=305	Universidad de La Sabana	CO	=356	La Trobe University	AU
=305	Universidad Torcuato Di Tella	AR	=356	Massey University	NZ
=308	Al Ain University	AE	=356	University of Salamanca	ES
=308	Istanbul Technical University	TR	=356	University of Trento	IT
=308	The University of Arizona	US	=361	Florida State University	US
=308	University of Lisbon	PT	=361	Imam Mohammad Ibn Saud Islamic University – IMSIU	SA
=312	Gulf University for Science and Technology	KW	=361	KEDGE Business School	FR
=312	Istanbul University	TR	=361	Nagoya University	JP
=312	Queen's University Belfast	UK	=361	National University of Sciences And Technology (NUST) Islamabad	PK
=312	Universidad Externado de Colombia	CO	=361	University of Notre Dame	US
=312	University of Kent	UK	=367	Aix-Marseille University	FR
=312	University of Petroleum and Energy Studies (UPES)	IN	=367	Kobe University	JP
=312	University of Porto	PT	=367	MGIMO University	RU
=319	Tohoku University	JP	=367	Stellenbosch University	ZA
=319	Universidad Diego Portales (UDP)	CL	=367	University of Bergen	NO
=319	Université Toulouse 1 Capitole	FR	=372	Cranfield University	UK
=319	University of Illinois at Chicago (UIC)	US	=372	Harbin Institute of Technology	CN
=323	Thammasat University	TH	=372	University of Pretoria	ZA
=323	University of California, Irvine	US	=372	Vrije Universiteit Brussel (VUB)	BE
=323	Vanderbilt University	US	=376	Canadian University Dubai	AE
=326	Al-Farabi Kazakh National University	KZ	=376	Mahidol University	TH
=326	Charles University	CZ	=376	University of Galway	IE
=326	Hokkaido University	JP	=376	Washington State University	US
=326	National Chengchi University	TW	=380	Kazan (Volga region) Federal University	RU
=326	Sultan Qaboos University	OM	=380	Radboud University	NL
=326	University of Naples - Federico II	IT	=380	Technische Universität Berlin (TU Berlin)	DE
=326	University of St Andrews	UK	=380	Tel Aviv University	IL
=333	Dublin City University	IE	=384	Applied Science Private University - Jordan	JO
=333	Management and Science University	MY	=384	WHU Otto Beisheim School of Management - Koblenz	DE
=333	Prince Mohammad Bin Fahd university	SA	=386	Grenoble Ecole de Management	FR
=333	Simon Fraser University	CA	=386	National Taiwan Normal University	TW
=337	Athens University of Economics and Business	GR	=386	University of Witwatersrand	ZA
=337	Florida International University	US	=389	Emory University	US
=337	University of South Australia	AU	=389	Kyung Hee University	SK
=340	American University	US	=389	Pontificia Universidad Católica de Valparaíso	CL
=340	Jagiellonian University	PL	=389	Sabancı University	TR
=340	University of Turin	IT	=389	SOAS University of London	UK
=340	Washington University in St. Louis	US	=394	Auckland University of Technology (AUT)	NZ
=344	Applied Science University - Bahrain	BH	=394	Sichuan University	CN
=344	Beijing Institute of Technology	CN	=394	University of Pittsburgh	US
=344	Rutgers University–New Brunswick	US	=394	University of Waikato	NZ
=344	University of Antwerp	BE	=398	Chiang Mai University	TH
=344	University of Canterbury Te Whare Wānanga o Waitaha	NZ	=398	Universidad del Pacífico	PE
349	University of Rome "Tor Vergata"	IT	=398	University of Colorado Boulder	US
=350	Corvinus University of Budapest	HU	=398	Warsaw School of Economics (SGH)	PL
=350	Indian Institute of Technology Kanpur (IITK)	IN			
=350	Universidad de Sevilla	ES			

401-450	Ahlia University	BH	451-500	Amity University	IN
401-450	American University of Sharjah	AE	451-500	Ankara Üniversitesi	TR
401-450	Aristotle University of Thessaloniki	GR	451-500	Asian Institute of Technology, Thailand	TH
401-450	Azerbaijan State University of Economics (UNEC)	AZ	451-500	Ateneo de Manila University	PH
401-450	Ca' Foscari University of Venice	IT	451-500	Babes-Bolyai University	RO
401-450	City University of New York	US	451-500	Bandung Institute of Technology (ITB)	ID
401-450	COMSATS University Islamabad	PK	451-500	Coventry University	UK
401-450	Financial University under the Government of the Russian Federation	RU	451-500	De La Salle University	PH
401-450	Hacettepe University	TR	451-500	Eberhard Karls Universität Tübingen	DE
401-450	Heriot-Watt University	UK	451-500	Indian Institute of Management (IIM) - Kozhikode	IN
401-450	Hong Kong Baptist University	HK	451-500	Indian Institute of Technology Roorkee (IITR)	IN
401-450	Indian School of Business	IN	451-500	Kingston University, London	UK
401-450	Instituto Politécnico Nacional (IPN)	MX	451-500	KIT, Karlsruhe Institute of Technology	DE
401-450	KTH Royal Institute of Technology	SE	451-500	Nankai University	CN
401-450	Kyushu University	JP	451-500	National Taiwan University of Science and Technology (Taiwan Tech)	TW
401-450	Lovely Professional University (LPU)	IN	451-500	National Yang Ming Chiao Tung University	TW
401-450	Manchester Metropolitan University (MMU)	UK	451-500	Northeastern University	US
401-450	National and Kapodistrian University of Athens	GR	451-500	Paris School of Economics	FR
401-450	National Sun Yat-sen University	TW	451-500	Pontificia Universidad Católica Argentina	AR
401-450	NEOMA Business School	FR	451-500	Prague University of Economics and Business	CZ
401-450	North Carolina State University	US	451-500	RWTH Aachen University	DE
401-450	Norwegian University of Science And Technology	NO	451-500	Siksha 'O' Anusandhan (Deemed to be University)	IN
401-450	Quaid-i-Azam University	PK	451-500	Swinburne University of Technology	AU
401-450	Rice University	US	451-500	Syracuse University	US
401-450	Shanghai University	CN	451-500	Temple University	US
401-450	Sunway University	MY	451-500	Umm Al-Qura University	SA
401-450	Taras Shevchenko National University of Kyiv	UA	451-500	Universidad Anáhuac México	MX
401-450	The Hebrew University of Jerusalem	IL	451-500	Universidad Autónoma Metropolitana (UAM)	MX
401-450	Tokyo Institute of Technology (Tokyo Tech)	JP	451-500	Universidad de Costa Rica	CR
401-450	Tongji University	CN	451-500	Universidad de San Andrés - UdeSA	AR
401-450	Universidad de Antioquia	CO	451-500	Universidad Iberoamericana IBERO	MX
401-450	Universidad de Concepción	CL	451-500	Universidad Nacional de Córdoba - UNC	AR
401-450	Universidad EAFIT	CO	451-500	Universidad Politécnica de Madrid (UPM)	ES
401-450	Universidad Panamericana (UP)	MX	451-500	Universidad San Francisco de Quito (USFQ)	EC
401-450	Universidade Federal de Minas Gerais (UFMG)	BR	451-500	Universidade Católica Portuguesa - UCP	PT
401-450	Universidade Federal do Rio Grande Do Sul	BR	451-500	Universidade de Brasília	BR
401-450	Universiti Teknologi MARA - UiTM	MY	451-500	Université Grenoble Alpes	FR
401-450	University of Aberdeen	UK	451-500	University of California, Santa Barbara (UCSB)	US
401-450	University of Bern	CH	451-500	University of Coimbra	PT
401-450	University of Central Florida	US	451-500	University of Milano-Bicocca	IT
401-450	University of Dhaka	BD	451-500	University of Pisa	IT
401-450	University of Florence	IT	451-500	University of Rochester	US
401-450	University of Johannesburg	ZA	451-500	University of South Carolina	US
401-450	University of Limerick	IE	451-500	University of Tartu	EE
401-450	University of Miami	US	451-500	University of Turku	FI
401-450	University of Sharjah	AE	451-500	University of Twente	NL
401-450	University of Texas Dallas	US	451-500	Western Sydney University	AU
401-450	University of the Punjab	PK	451-500	Westfälische Wilhelms-Universität Münster	DE
401-450	Virginia Polytechnic Institute and State University	US	501-550	Ain Shams University	EG
401-450	Xi'an Jiaotong University	CN	501-550	Alexandria University	EG
451-500	Albert-Ludwigs-Universitaet Freiburg	DE	501-550	Asia Pacific University of Technology and Innovation (APU) Malaysia	MY

501-550	Bina Nusantara University (BINUS)	ID
501-550	Brunel University London	UK
501-550	Carleton University	CA
501-550	Chung-Ang University (CAU)	SK
501-550	Concordia University	CA
501-550	Dalhousie University	CA
501-550	Diponegoro University	ID
501-550	EHL Hospitality Business School	CH
501-550	Eötvös Loránd University	HU
501-550	Escuela Superior Politécnica del Litoral (ESPOL)	EC
501-550	Ewha Womans University	SK
501-550	Georgia State University	US
501-550	Huazhong University of Science and Technology	CN
501-550	Indian Institute of Technology Guwahati (IITG)	IN
501-550	Institute of Business Administration (IBA)	PK
501-550	International Islamic University Malaysia (IIUM)	MY
501-550	INTI International University	MY
501-550	ISCTE - Instituto Universitário de Lisboa	PT
501-550	Jordan University of Science & Technology	JO
501-550	Kasetsart University	TH
501-550	Masaryk University	CZ
501-550	National Dong Hwa University	TW
501-550	North South University	BD
501-550	Nottingham Trent University	UK
501-550	Ritsumeikan University	JP
501-550	Scuola Superiore Sant'Anna Pisa	IT
501-550	Sejong University	SK
501-550	Shandong University	CN
501-550	Shanghai University of Finance and Economics	CN
501-550	Sogang University	SK
501-550	Tianjin University	CN
501-550	Universidad de la República (Udelar)	UY
501-550	Universidad de los Andes - Chile	CL
501-550	Universidad Nacional Mayor de San Marcos	PE
501-550	Universidad Pontificia Comillas	ES
501-550	Universidade de Santiago de Compostela	ES
501-550	Universitas Brawijaya	ID
501-550	Universitat Politècnica de València	ES
501-550	Université Laval	CA
501-550	University of Bucharest	RO
501-550	University of Cyprus (UCY)	CY
501-550	University of Derby	UK
501-550	University of Göttingen	DE
501-550	University of Houston	US
501-550	University of Leicester	UK
501-550	University of Southern Denmark (SDU)	DK
501-550	University of the West of England	UK
501-550	University of Tsukuba	JP
501-550	Viet Nam National University Ho Chi Minh City (VNU-HCM)	VN
501-550	Vietnam National University, Hanoi	VN
501-550	Vilnius University	LT
501-550	Yarmouk University	JO

Accounting

1	Harvard University	51	Yonsei University
2	Massachusetts Institute of Technology (MIT)	52	KAIST - Korea Advanced Institute of Science & Technology
3	Stanford University	53	University of Southern California
4	University of Oxford	=54	Copenhagen Business School
5	University of Chicago	=54	University of Amsterdam
6	University of Cambridge	56	McGill University
7	University of California, Berkeley (UCB)	57	The Hong Kong Polytechnic University
8	The London School of Economics and Political Science (LSE)	=58	Pontificia Universidad Católica de Chile (UC)
9	University of Pennsylvania	=58	Tecnológico de Monterrey
10	Yale University	=60	City University of Hong Kong
11	New York University (NYU)	=60	Trinity College Dublin, The University of Dublin
=12	Columbia University	62	Tilburg University
=12	National University of Singapore (NUS)	63	Universiti Malaya (UM)
=14	Peking University	=64	Singapore Management University
=14	University of California, Los Angeles (UCLA)	=64	University of Navarra
16	Tsinghua University	=66	The University of Auckland
17	University of Toronto	=66	Zhejiang University
18	London Business School	68	The University of Queensland
19	Università Commerciale Luigi Bocconi (Bocconi University)	69	National Taiwan University (NTU)
20	Nanyang Technological University, Singapore (NTU)	=70	Boston University
21	Imperial College London	=70	Universidade de São Paulo
22	The University of New South Wales (UNSW Sydney)	72	University of Glasgow
23	The University of Manchester	73	University of Washington
24	HEC Paris	74	Renmin (People's) University of China
25	Northwestern University	75	Université PSL
26	Princeton University	76	Durham University
27	The University of Melbourne	=77	Stockholm School of Economics
28	The University of Hong Kong	=77	The Ohio State University
29	The University of Sydney	79	University of Birmingham
30	University of Texas at Austin	80	King's College London
31	University of Michigan-Ann Arbor	=81	Pennsylvania State University
=32	Cornell University	=81	University of Zurich
=32	The University of Tokyo	83	KU Leuven
=34	The Hong Kong University of Science and Technology	84	Universidad Carlos III de Madrid (UC3M)
=34	University of British Columbia	85	Universität Mannheim
36	Seoul National University	=86	ESSEC Business School, Paris
=37	Fudan University	=86	Universidad de Chile
=37	The Chinese University of Hong Kong (CUHK)	=86	University of St.Gallen (HSG)
39	Duke University	=86	Waseda University
40	Shanghai Jiao Tong University	=90	Lancaster University
41	Monash University	=90	University of Florida
42	INSEAD (France)	=90	University of North Carolina, Chapel Hill
43	The Australian National University	=93	King Abdulaziz University (KAU)
44	The University of Warwick	=93	Kyoto University
45	Erasmus University Rotterdam	=93	Université Paris 1 Panthéon-Sorbonne
46	UCL	96	IE University
47	ETH Zurich - Swiss Federal Institute of Technology	=97	Alma Mater Studiorum - University of Bologna
48	University of Illinois at Urbana-Champaign	=97	University of Southampton
49	The University of Edinburgh	99	Carnegie Mellon University
50	Korea University	100	Macquarie University

Anthropology

1	Harvard University	51-100	Alma Mater Studiorum - University of Bologna
2	University of Oxford	51-100	Boston University
3	University of Cambridge	51-100	City University of New York
4	UCL	51-100	Complutense University of Madrid
5	University of California, Berkeley (UCB)	51-100	Eberhard Karls Universität Tübingen
=6	Stanford University	51-100	Emory University
=6	University of Chicago	51-100	Goldsmiths, University of London
8	University of California, Los Angeles (UCLA)	51-100	Humboldt-Universität zu Berlin
9	The Australian National University	51-100	Indiana University Bloomington
10	University of Michigan-Ann Arbor	51-100	Johns Hopkins University
11	The London School of Economics and Political Science (LSE)	51-100	Ludwig-Maximilians-Universität München
12	University of Toronto	51-100	Massachusetts Institute of Technology (MIT)
=13	New York University (NYU)	51-100	Michigan State University
=13	Yale University	51-100	Monash University
15	Universidad Nacional Autónoma de México (UNAM)	51-100	National Taiwan University (NTU)
16	National University of Singapore (NUS)	51-100	Northwestern University
17	The University of Edinburgh	51-100	Pennsylvania State University
18	SOAS University of London	51-100	Pontificia Universidad Católica de Chile (UC)
19	Columbia University	51-100	Ruprecht-Karls-Universität Heidelberg
20	University of Amsterdam	51-100	Sapienza University of Rome
21	The University of Manchester	51-100	Seoul National University
22	University of British Columbia	51-100	Stockholm University
23	The University of Melbourne	51-100	The University of Auckland
24	Princeton University	51-100	The University of New South Wales (UNSW Sydney)
=25	The University of Hong Kong	51-100	The University of Queensland
=25	Universidade de São Paulo	51-100	Universidad Autónoma de Madrid
27	Leiden University	51-100	Universidad de Chile
28	The Chinese University of Hong Kong (CUHK)	51-100	Universidad de los Andes
29	Durham University	51-100	Universidad Nacional de Colombia
=30	McGill University	51-100	Universidade Estadual de Campinas (Unicamp)
=30	University of Pennsylvania	51-100	Universidade Federal do Rio de Janeiro
32	The University of Tokyo	51-100	Universitat de Barcelona
33	The University of Sydney	51-100	Université PSL
34	Duke University	51-100	University of Aberdeen
35	Aarhus University	51-100	University of Bergen
=36	Arizona State University	51-100	University of California, Davis
=36	University of Copenhagen	51-100	University of California, San Diego (UCSD)
=36	University of Texas at Austin	51-100	University of California, Santa Cruz
39	Kyoto University	51-100	University of Cape Town
40	Universidad de Buenos Aires (UBA)	51-100	University of Cologne
41	Cornell University	51-100	University of Delhi
42	University of Wisconsin-Madison	51-100	University of Helsinki
43	The University of Arizona	51-100	University of Illinois at Urbana-Champaign
44	University of Vienna	51-100	University of North Carolina, Chapel Hill
45	University of Oslo	51-100	University of Southern California
46	Université Paris 1 Panthéon-Sorbonne	51-100	University of St Andrews
=47	Brown University	51-100	University of Sussex
=47	Peking University	51-100	University of Washington
=49	Ecole des Hautes Etudes en Sciences Sociales (EHESS)	51-100	University of Witwatersrand
=49	Freie Universitaet Berlin	51-100	Utrecht University

Business

1	Harvard University	(UC)
2	Massachusetts Institute of Technology (MIT)	=50 The University of Melbourne
3	Stanford University	53 University of Texas at Austin
4	INSEAD (France)	54 ESCP Europe
=5	University of Cambridge	55 Singapore Management University
=5	University of Oxford	=56 Carnegie Mellon University
7	London Business School	=56 Indian Institute of Management (IIM) - Calcutta
8	National University of Singapore (NUS)	=56 The University of Sydney
9	University of Pennsylvania	59 WU (Vienna University of Economics and Business)
10	Università Commerciale Luigi Bocconi (Bocconi University)	60 McGill University
11	University of California, Berkeley (UCB)	=61 City University of Hong Kong
12	The London School of Economics and Political Science (LSE)	=61 Zhejiang University
13	HEC Paris	63 KAIST - Korea Advanced Institute of Science & Technology
14	Nanyang Technological University, Singapore (NTU)	64 Politecnico di Milano
15	Copenhagen Business School	65 ETH Zurich - Swiss Federal Institute of Technology
16	Yale University	66 Universidad de los Andes
=17	New York University (NYU)	67 Luiss Guido Carli University
=17	Northwestern University	=68 Pennsylvania State University
=17	University of Chicago	=68 The Australian National University
20	Columbia University	=68 The University of Tokyo
21	Tecnológico de Monterrey	71 Stockholm School of Economics
22	Erasmus University Rotterdam	72 University of Southern California
23	Tsinghua University	73 Georgia Institute of Technology
24	ESADE Business School Universitat Ramon Llull	74 Princeton University
25	Peking University	75 Universidade de São Paulo
26	The Hong Kong University of Science and Technology	76 EMLYON Business School
27	Indian Institute of Management (IIM) - Ahmedabad	77 Monash University
28	Shanghai Jiao Tong University	=78 Boston University
29	University of Michigan-Ann Arbor	=78 Michigan State University
30	The University of Hong Kong	80 Renmin (People's) University of China
31	University of California, Los Angeles	81 The University of Queensland
32	IE University	82 Oxford Brookes University
33	University of Toronto	=83 Arizona State University
34	Yonsei University	=83 King's College London
=35	The University of New South Wales	=83 Swansea University
=35	The University of Warwick	86 Western University
=37	Cornell University	=87 Aston University
=37	Imperial College London	=87 Fundação Getulio Vargas
39	ESSEC Business School, Paris	=87 University of Amsterdam
=40	Indian Institute of Management (IIM) - Bangalore	=90 UCL
=40	Seoul National University	=90 Universidad Adolfo Ibáñez
=42	IESE Business School Universidad de Navarra	=92 Aalto University
=42	Korea University	=92 Indian Institute of Technology Delhi (IITD)
44	Fudan University	=92 Texas A&M University
45	The University of Manchester	=92 Universidad Nacional Autónoma de México (UNAM)
=46	The Chinese University of Hong Kong	=96 Purdue University
=46	The Hong Kong Polytechnic University	=96 Tilburg University
48	University of St.Gallen (HSG)	=96 University of Minnesota Twin Cities
49	University of British Columbia	=99 Lancaster University
=50	Duke University	=99 University of Illinois at Urbana-Champaign
=50	Pontificia Universidad Católica de Chile	=99 University of Washington

Communication

1	University of Amsterdam	51-100	Aarhus University
2	Harvard University	51-100	Alma Mater Studiorum - University of Bologna
3	University of Texas at Austin	51-100	Boston University
4	Nanyang Technological University, Singapore (NTU)	51-100	City, University of London
5	Stanford University	51-100	Complutense University of Madrid
6	The London School of Economics and Political Science (LSE)	51-100	Duke University
7	University of Southern California	51-100	Erasmus University Rotterdam
8	University of Pennsylvania	51-100	Fudan University
9	Columbia University	51-100	Hong Kong Baptist University
10	University of Cambridge	51-100	Humboldt-Universität zu Berlin
11	University of California, Berkeley (UCB)	51-100	Indiana University Bloomington
12	The Chinese University of Hong Kong (CUHK)	51-100	Korea University
13	New York University (NYU)	51-100	KU Leuven
14	National University of Singapore (NUS)	51-100	Leiden University
15	University of Vienna	51-100	Loughborough University
16	Michigan State University	51-100	Lund University
17	University of Wisconsin-Madison	51-100	McGill University
=18	King's College London	51-100	Monash University
=18	University of Michigan-Ann Arbor	51-100	National Taiwan University (NTU)
20	Cornell University	51-100	Renmin (People's) University of China
21	University of California, Los Angeles (UCLA)	51-100	RMIT University
22	Goldsmiths, University of London	51-100	Sungkyunkwan University (SKKU)
23	Northwestern University	51-100	Syracuse University
24	Ludwig-Maximilians-Universität München	51-100	The Australian National University
=25	Massachusetts Institute of Technology (MIT)	51-100	The University of Georgia
=25	Seoul National University	51-100	The University of Manchester
27	Yale University	51-100	The University of New South Wales (UNSW Sydney)
28	The University of Sydney	51-100	The University of Sheffield
29	University of Toronto	51-100	The University of Tokyo
=30	Freie Universitaet Berlin	51-100	The University of Warwick
=30	The Ohio State University	51-100	Universidad de Buenos Aires (UBA)
32	University of Zurich	51-100	Universidad Nacional Autónoma de México (UNAM)
=33	Queensland University of Technology (QUT)	51-100	University of Birmingham
=33	University of Leeds	51-100	University of California, Davis
=35	Peking University	51-100	University of California, San Diego (UCSD)
=35	Yonsei University	51-100	University of Florida
=37	Pennsylvania State University	51-100	University of Glasgow
=37	UCL	51-100	University of Groningen
39	The University of Melbourne	51-100	University of Helsinki
=40	The University of Edinburgh	51-100	University of Minnesota Twin Cities
=40	Tsinghua University	51-100	University of Navarra
42	University of Illinois at Urbana-Champaign	51-100	University of North Carolina, Chapel Hill
43	Pontificia Universidad Católica de Chile (UC)	51-100	University of Oslo
44	University of British Columbia	51-100	University of Washington
45	University of Chicago	51-100	University of Westminster
=46	The University of Hong Kong	51-100	Utrecht University
=46	University of California, Santa Barbara (UCSB)	51-100	Vrije Universiteit Amsterdam
=48	City University of Hong Kong	51-100	Westfälische Wilhelms-Universität Münster
=48	University of Missouri, Columbia	51-100	Zhejiang University
=50	Cardiff University		
=50	University of Copenhagen		

Development Studies

1	University of Sussex	51-100	American University
2	University of Oxford	51-100	Brown University
3	The London School of Economics and Political Science (LSE)	51-100	Complutense University of Madrid
4	Harvard University	51-100	Deakin University
5	SOAS University of London	51-100	Humboldt-Universität zu Berlin
6	University of Cambridge	51-100	Korea University
7	University of California, Berkeley (UCB)	51-100	Kyoto University
=8	Stanford University	51-100	Lund University
=8	Wageningen University & Research	51-100	Maastricht University
10	The Australian National University	51-100	Massey University
11	The University of Manchester	51-100	McGill University
12	UCL	51-100	Monash University
13	University of California, Los Angeles (UCLA)	51-100	New York University (NYU)
14	Columbia University	51-100	Newcastle University
15	University of Cape Town	51-100	Paris School of Economics
16	University of East Anglia (UEA)	51-100	Pennsylvania State University
=17	Duke University	51-100	Politecnico di Milano
=17	University of Chicago	51-100	Queen Mary University of London
19	Johns Hopkins University	51-100	Renmin (People's) University of China
20	Princeton University	51-100	Sapienza University of Rome
21	The University of Tokyo	51-100	The University of Auckland
22	University of Leeds	51-100	The University of Edinburgh
23	Cornell University	51-100	The University of New South Wales (UNSW Sydney)
24	Pontificia Universidad Católica de Chile (UC)	51-100	The University of Warwick
25	Université Paris 1 Panthéon-Sorbonne	51-100	Universidad Autónoma de Madrid
26	Universidad Nacional Autónoma de México (UNAM)	51-100	Universidad Nacional de Colombia
27	University of British Columbia	51-100	Universidad Nacional de La Plata (UNLP)
28	Erasmus University Rotterdam	51-100	Universidade de São Paulo
=29	Fudan University	51-100	Universidade Estadual de Campinas (Unicamp)
=29	Jawaharlal Nehru University	51-100	Universitas Indonesia
31	King's College London	51-100	Universitat de Barcelona
32	Seoul National University	51-100	Université catholique de Louvain (UCLouvain)
33	Leiden University	51-100	University of Amsterdam
34	University of California, Davis	51-100	University of Bath
35	University of Toronto	51-100	University of Birmingham
36	The University of Sheffield	51-100	University of Copenhagen
=37	The University of Melbourne	51-100	University of Delhi
=37	Universidad de Chile	51-100	University of Ghana
=37	Yonsei University	51-100	University of Glasgow
40	University of Wisconsin-Madison	51-100	University of Göttingen
=41	Boston University	51-100	University of Johannesburg
=41	University of Witwatersrand	51-100	University of Kwazulu-Natal
43	Universidad de los Andes	51-100	University of Michigan-Ann Arbor
44	The University of Hong Kong	51-100	University of Minnesota Twin Cities
45	The University of Queensland	51-100	University of Oslo
46	Makerere University	51-100	University of Pretoria
47	Nanyang Technological University, Singapore (NTU)	51-100	University of Reading
48	The University of Sydney	51-100	Utrecht University
49	Zhejiang University	51-100	Victoria University of Wellington
50	University of Massachusetts Amherst	51-100	Western Sydney University

Economics & Econometrics

1	Harvard University	51	University of Minnesota Twin Cities
2	Massachusetts Institute of Technology (MIT)	=52	Ludwig-Maximilians-Universität München
3	Stanford University	=52	Renmin (People's) University of China
4	University of Chicago	=52	Tilburg University
5	Princeton University	=55	Erasmus University Rotterdam
6	University of California, Berkeley (UCB)	=55	Paris School of Economics
7	Yale University	57	University of Texas at Austin
8	The London School of Economics and Political Science (LSE)	=58	California Institute of Technology (Caltech)
9	University of Oxford	=58	Stockholm School of Economics
10	University of Cambridge	60	Université Paris 1 Panthéon-Sorbonne
11	Columbia University	61	Rheinische Friedrich-Wilhelms-Universität Bonn
12	Northwestern University	=62	The University of Manchester
13	University of California, Los Angeles (UCLA)	=62	University of Wisconsin-Madison
14	University of Pennsylvania	=64	Johns Hopkins University
15	New York University (NYU)	=64	University of Amsterdam
16	National University of Singapore (NUS)	66	University of Illinois at Urbana-Champaign
17	Università Commerciale Luigi Bocconi (Bocconi University)	67	Singapore Management University
=18	Tsinghua University	68	Universität Mannheim
=18	UCL	=69	Carnegie Mellon University
20	Peking University	=69	KAIST - Korea Advanced Institute of Science & Technology
21	University of Toronto	=71	Université Toulouse 1 Capitole
22	University of Michigan-Ann Arbor	=71	University of California, Davis
=23	Boston University	73	The University of Queensland
=23	University of British Columbia	=74	Dartmouth College
25	Duke University	=74	KU Leuven
26	University of California, San Diego (UCSD)	=74	Université PSL
=27	Cornell University	77	Universidad Carlos III de Madrid (UC3M)
=27	The Hong Kong University of Science and Technology	=78	Kyoto University
=29	ETH Zurich - Swiss Federal Institute of Technology	=78	Xiamen University
=29	The University of Tokyo	=80	HEC Paris
31	Fudan University	=80	Institut Polytechnique de Paris
32	London Business School	82	Shanghai University of Finance and Economics
=33	The University of Hong Kong	=83	Copenhagen Business School
=33	Universitat Pompeu Fabra (Barcelona)	=83	The University of Edinburgh
35	Imperial College London	=83	Wuhan University
36	The University of Warwick	=86	City University of Hong Kong
37	The Chinese University of Hong Kong (CUHK)	=86	Pontificia Universidad Católica de Chile (UC)
38	Seoul National University	=88	Michigan State University
39	The Australian National University	=88	University of Southern California
40	The University of New South Wales (UNSW Sydney)	90	McGill University
41	Shanghai Jiao Tong University	=91	Humboldt-Universität zu Berlin
42	Monash University	=91	National Taiwan University (NTU)
43	Nanyang Technological University, Singapore (NTU)	=91	Universitat Autònoma de Barcelona
44	Brown University	=91	Université catholique de Louvain (UCLouvain)
45	The University of Melbourne	=91	University of Copenhagen
46	Korea University	=96	Pennsylvania State University
=47	University of Zurich	=96	Universiti Malaya (UM)
=47	Zhejiang University	=96	University of Nottingham
49	The University of Sydney	99	Waseda University
50	Yonsei University	=100	Queen Mary University of London
		=100	The Ohio State University

Education

1	UCL Institute of Education University College London	51	Utrecht University
2	Harvard University	52	East China Normal University
3	The University of Hong Kong	53	University of Minnesota Twin Cities
4	Stanford University	54	University of Nottingham
5	University of Cambridge	55	Yonsei University
6	University of Oxford	=56	KU Leuven
7	Beijing Normal University	=56	University of Amsterdam
8	Nanyang Technological University, Singapore (NTU)	=58	Arizona State University
9	University of California, Berkeley (UCB)	=58	Cornell University
10	University of Toronto	=58	Universidad Nacional Autónoma de México (UNAM)
11	Columbia University	61	University of Chicago
12	The Education University of Hong Kong	62	The University of New South Wales (UNSW Sydney)
13	University of California, Los Angeles (UCLA)	63	Ewha Womans University
14	Tsinghua University	64	University of Oslo
15	Peking University	=65	Tecnológico de Monterrey
16	The University of Melbourne	=65	University of Glasgow
17	The University of Edinburgh	67	The University of Georgia
18	Michigan State University	68	Boston College
19	University of Michigan-Ann Arbor	69	Universitat de Barcelona
=20	The Chinese University of Hong Kong (CUHK)	=70	Fudan University
=20	University of Wisconsin-Madison	=70	University of Birmingham
=22	Johns Hopkins University	72	University of York
=22	King's College London	73	Universidad de Buenos Aires (UBA)
=24	National Taiwan Normal University	74	Kyoto University
=24	University of British Columbia	=75	Trinity College Dublin, The University of Dublin
26	The University of Sydney	=75	Universidad de Chile
27	Vanderbilt University	77	Duke University
=28	McGill University	78	University of Alberta
=28	Seoul National University	79	Durham University
30	Monash University	80	University of Maryland, College Park
31	Pennsylvania State University	=81	Delft University of Technology
32	University of Illinois at Urbana-Champaign	=81	Universidade de São Paulo
33	Korea University	=83	Purdue University
=34	The University of Auckland	=83	University of Illinois at Chicago (UIC)
=34	Zhejiang University	85	University of Southern California
36	Pontificia Universidad Católica de Chile (UC)	=86	Abai Kazakh National Pedagogical University
37	University of Helsinki	=86	Boston University
38	Universiti Malaya (UM)	=86	King Saud University
=39	The Ohio State University	=89	Lomonosov Moscow State University
=39	University of Pennsylvania	=89	Shanghai Jiao Tong University
=41	The University of Queensland	=89	University of Leeds
=41	University of Texas at Austin	=89	University of Pittsburgh
43	The University of Tokyo	93	Complutense University of Madrid
44	University of Washington	94	Kazan (Volga region) Federal University
45	The University of Manchester	95	Brown University
=46	ETH Zurich - Swiss Federal Institute of Technology	96	Indiana University Bloomington
=46	New York University (NYU)	=97	National Taiwan University (NTU)
=46	Princeton University	=97	Northwestern University
=46	University of Bristol	=97	University of Virginia
50	Deakin University	100	Gazi Üniversitesi

Hospitality		
1	EHL Hospitality Business School	=50 Purdue University
2	Les Roches Global Hospitality Education	=50 University of Strathclyde
3	SHMS - Swiss Hotel Management School	51-100 Alma Mater Studiorum - University of Bologna
4	University of Nevada - Las Vegas	51-100 Arizona State University
5	Cesar Ritz Colleges	51-100 Auckland University of Technology (AUT)
6	Glion Institute of Higher Education	51-100 Boğaziçi University
7	Hotel Institute Montreux - HIM	51-100 Boston University School of Hospitality Administration
8	Culinary Arts Academy Switzerland	51-100 Clemson University
9	Hotelschool The Hague	51-100 Colorado State University
11	The Hong Kong Polytechnic University	51-100 Duy Tan University
12	Hotel School Vatel	51-100 ESSEC Business School, Paris
13	Macao University of Tourism (UTM)	51-100 Florida State University
14	Escuela Universitaria de Hoteleria y Turismo de Sant Pol de Mar	51-100 George Washington University
15	Cornell University School of Hotel Administration	51-100 Hanyang University
16	University of Surrey	51-100 Institut Lyfe
17	IMI-Luzern - International Hotel Management School, Switzerland	51-100 Johnson & Wales University
18	University of Central Florida	51-100 Leeds Beckett University
19	Hotel and Tourism Management Institute, Switzerland	51-100 Lomonosov Moscow State University
20	Taylor's University	51-100 Manchester Metropolitan University (MMU)
21	Oxford Brookes University	51-100 Middlesex University
22	Breda University of Applied Sciences	51-100 Monash University
=23	Bournemouth University	51-100 Plekhanov Russian University of Economics
=23	Pennsylvania State University School of Hospitality Management	51-100 SAIT Polytechnic - School of Hospitality and Tourism
25	Griffith University	51-100 Sheffield Hallam University
26	The University of Queensland	51-100 Sunway University
27	Blue Mountains International Hotel Management School (BMIHMS)	51-100 Technological University Dublin
28	Nanyang Technological University, Singapore (NTU)	51-100 Temple University
29	Sejong University	51-100 Texas A&M University
30	Ecole Hoteliere de Geneve	51-100 The University of Auckland
31	Florida International University	51-100 The University of Exeter
=32	Business and hotel management school - bhms	51-100 The University of Hong Kong
=32	Virginia Polytechnic Institute and State University	51-100 The University of New South Wales (UNSW Sydney)
=34	Michigan State University	51-100 Tsinghua University
=34	University of Houston	51-100 UCSI University
36	Management and Science University	51-100 Universidad Anáhuac México
37	University of Florida	51-100 Universidad Externado de Colombia
=38	University of Derby	51-100 Universidade de São Paulo
=38	University of South Carolina	51-100 Università Commerciale Luigi Bocconi (Bocconi University)
40	Washington State University	51-100 Universitat de Barcelona
41	Zhejiang University	51-100 Universitat Ramon Llull
42	Kyung Hee University	51-100 University of Amsterdam
43	Sun Yat-sen University	51-100 University of Birmingham
44	Université Paris 1 Panthéon-Sorbonne	51-100 University of British Columbia
45	National Kaohsiung University of Hospitality and Tourism	51-100 University of Guelph
46	Yongsan University	51-100 University of Leeds
47	Fudan University	51-100 University of Macau
48	Shanghai Jiao Tong University	51-100 University of Massachusetts Amherst
49	The Chinese University of Hong Kong	51-100 University of Otago
		51-100 University of South Florida
		51-100 University of Waterloo
		51-100 Ural Federal University - UrFU

Law

1	Harvard University	51	Ludwig-Maximilians-Universität München
2	University of Oxford	52	Universidade de São Paulo
3	University of Cambridge	53	Sapienza University of Rome
4	Yale University	54	Universidad Externado de Colombia
5	Stanford University	55	China University of Political Science and Law
6	The London School of Economics and Political Science (LSE)	56	City University of Hong Kong
7	University of California, Berkeley (UCB)	57	Durham University
8	Columbia University	58	Kyoto University
9	New York University (NYU)	=59	The University of Auckland
10	National University of Singapore (NUS)	=59	Waseda University
11	University of Chicago	61	The University of Queensland
12	The University of New South Wales (UNSW Sydney)	=62	The University of Manchester
13	The University of Melbourne	=62	University of Virginia
14	UCL	64	University of Glasgow
15	The University of Hong Kong	=65	Freie Universitaet Berlin
=16	The University of Tokyo	=65	Maastricht University
=16	University of Toronto	=65	Northwestern University
18	The University of Sydney	=65	University of Bristol
19	King's College London	69	Ruprecht-Karls-Universität Heidelberg
20	Université Paris 1 Panthéon-Sorbonne	70	Fudan University
21	The University of Edinburgh	71	Università Commerciale Luigi Bocconi (Bocconi University)
=22	Peking University	72	National Taiwan University (NTU)
=22	Tsinghua University	73	Utrecht University
24	University of California, Los Angeles (UCLA)	74	Trinity College Dublin, The University of Dublin
25	Leiden University	75	Boston University
=26	Georgetown University	=76	Complutense University of Madrid
=26	The Australian National University	=76	Sciences Po
28	Universidad de Buenos Aires (UBA)	78	O.P. Jindal Global University
29	University of Pennsylvania	79	University of Technology Sydney
30	Universidad Nacional Autónoma de México (UNAM)	80	European University Institute
=31	Cornell University	81	Korea University
=31	University of Amsterdam	82	Nanyang Technological University, Singapore (NTU)
33	Pontificia Universidad Católica de Chile (UC)	=83	Universität Hamburg
=34	Duke University	=83	University of Milan
=34	Renmin (People's) University of China	=85	Universidad Autónoma de Madrid
=36	Seoul National University	=85	Universidad del Rosario
=36	University of Michigan-Ann Arbor	87	Yonsei University
38	University of British Columbia	88	Luis Guido Carli University
=39	Monash University	89	Victoria University of Wellington
=39	Queen Mary University of London	=90	Nanjing University
=41	Alma Mater Studiorum - University of Bologna	=90	University of Texas at Austin
=41	Humboldt-Universität zu Berlin	=92	Pontificia Universidad Católica del Perú
=41	McGill University	=92	University of Copenhagen
44	Universidad de los Andes	94	University College Cork
45	KU Leuven	=95	King Abdulaziz University (KAU)
46	Universidad de Chile	=95	University of Nottingham
47	Shanghai Jiao Tong University	=97	American University
48	The Chinese University of Hong Kong (CUHK)	=97	Jilin University
49	Zhejiang University	99	Instituto Tecnológico Autónomo de México (ITAM)
50	Wuhan University	=100	George Washington University
		=100	Tilburg University
		=100	University of Oslo

Library

1	The University of Sheffield	51-100	Aarhus University
2	University of Washington	51-100	Beijing Normal University
3	Nanyang Technological University, Singapore (NTU)	51-100	Cairo University
4	University of North Carolina, Chapel Hill	51-100	Charles University
5	University of Texas at Austin	51-100	Chung-Ang University (CAU)
6	University of Illinois at Urbana-Champaign	51-100	Drexel University
7	Indiana University Bloomington	51-100	Erasmus University Rotterdam
8	University of British Columbia	51-100	Ewha Womans University
9	University of Maryland, College Park	51-100	Hacettepe University
10	University of California, Berkeley (UCB)	51-100	Hanyang University
11	Wuhan University	51-100	Humboldt-Universität zu Berlin
12	UCL	51-100	Jagiellonian University
13	Peking University	51-100	KIT, Karlsruhe Institute of Technology
14	Syracuse University	51-100	Kuwait University
15	University of Toronto	51-100	Lomonosov Moscow State University
16	University of Michigan-Ann Arbor	51-100	Michigan State University
17	Rutgers University-New Brunswick	51-100	National Taiwan Normal University
18	Loughborough University	51-100	New York University (NYU)
19	The University of Hong Kong	51-100	Pusan National University
20	The University of Manchester	51-100	RMIT University
21	The University of Sydney	51-100	RWTH Aachen University
22	McGill University	51-100	Sapienza University of Rome
23	Fudan University	51-100	Simmons University
24	The University of Arizona	51-100	Sun Yat-sen University
25	Nanjing University	51-100	The University of Melbourne
26	University of Strathclyde	51-100	The University of Tokyo
27	Tampere University	51-100	Tongji University
28	University of Amsterdam	51-100	UNESP
29	Universiti Malaya (UM)	51-100	Universidad Carlos III de Madrid (UC3M)
30	Yonsei University	51-100	Universidad de León
31	Shanghai Jiao Tong University	51-100	Universidad de Zaragoza
=32	Université de Montréal	51-100	Universidade de São Paulo
=32	University of Tsukuba	51-100	Universitas Indonesia
34	National Taiwan University (NTU)	51-100	Universitat de Barcelona
35	Qatar University	51-100	Universitat Politècnica de València
36	University of Glasgow	51-100	University at Buffalo SUNY
37	University of Science and Technology of China	51-100	University College Dublin
38	Purdue University	51-100	University College of Boras
39	City, University of London	51-100	University of California, Los Angeles (UCLA)
40	University of Pittsburgh	51-100	University of Chinese Academy of Sciences
41	Arizona State University	51-100	University of Hawai'i at Mānoa
42	University of Technology Sydney	51-100	University of Jordan
=43	Sungkyunkwan University (SKKU)	51-100	University of Ljubljana
=43	University of Southern California	51-100	University of Oklahoma
45	Cornell University	51-100	University of Reading
46	KU Leuven	51-100	University of the Punjab
=47	Queensland University of Technology (QUT)	51-100	University of Wisconsin Milwaukee
=47	The University of New South Wales (UNSW Sydney)	51-100	University of Wisconsin-Madison
49	Kyoto University	51-100	University of Wellington
50	Monash University	51-100	Vrije Universiteit Amsterdam
		51-100	Xi'an Jiaotong University

Marketing

=1	University of Cambridge	51-100	Alma Mater Studiorum - University of Bologna
=1	University of Pennsylvania	51-100	Aston University
3	Massachusetts Institute of Technology (MIT)	51-100	BI Norwegian Business School
4	Stanford University	51-100	Cardiff University
5	Northwestern University	51-100	Carnegie Mellon University
6	National University of Singapore (NUS)	51-100	City University of Hong Kong
7	Università Commerciale Luigi Bocconi (Bocconi University)	51-100	City, University of London
8	London Business School	51-100	Durham University
9	HEC Paris	51-100	EDHEC Business School
10	INSEAD (France)	51-100	EMLYON Business School
11	Columbia University	51-100	Hanyang University
12	Erasmus University Rotterdam	51-100	HSE University
13	Nanyang Technological University, Singapore (NTU)	51-100	Indiana University Bloomington
14	University of California, Berkeley (UCB)	51-100	KEDGE Business School
15	New York University (NYU)	51-100	King's College London
16	Yale University	51-100	Loughborough University
17	The University of Hong Kong	51-100	Luiss Guido Carli University
=18	The London School of Economics and Political Science (LSE)	51-100	McGill University
=18	University of St.Gallen (HSG)	51-100	National Taiwan University (NTU)
=20	Duke University	51-100	NEOMA Business School
=20	The University of New South Wales (UNSW Sydney)	51-100	Oxford Brookes University
22	The Hong Kong Polytechnic University	51-100	Politecnico di Milano
=23	Copenhagen Business School	51-100	RMIT University
=23	Universitat Ramon Llull	51-100	Singapore Management University
25	Tecnológico de Monterrey	51-100	Stockholm School of Economics
26	Tsinghua University	51-100	Taylor's University
27	The University of Manchester	51-100	The Australian National University
28	Korea University	51-100	The Ohio State University
29	The Hong Kong University of Science and Technology	51-100	The University of Queensland
30	University of British Columbia	51-100	Tilburg University
=31	The University of Melbourne	51-100	Trinity College Dublin, The University of Dublin
=31	The University of Warwick	51-100	Universidad Adolfo Ibáñez
33	University of California, Los Angeles (UCLA)	51-100	Universidad de Chile
34	Seoul National University	51-100	Universidad de los Andes
35	University of Leeds	51-100	Université de Montréal
=36	Monash University	51-100	Universiti Malaya (UM)
=36	University of Toronto	51-100	Universiti Putra Malaysia (UPM)
38	Fudan University	51-100	University of Amsterdam
39	The University of Sydney	51-100	University of Bath
40	Shanghai Jiao Tong University	51-100	University of Birmingham
41	The Chinese University of Hong Kong (CUHK)	51-100	University of Florida
42	ESSEC Business School, Paris	51-100	University of Glasgow
43	ESCP Europe	51-100	University of Groningen
44	Aalto University	51-100	University of Liverpool
45	Imperial College London	51-100	University of Nottingham
46	The University of Auckland	51-100	University of Strathclyde
47	IE University	51-100	University of Surrey
48	Lancaster University	51-100	University of Technology Sydney
49	Swansea University	51-100	Waseda University
=50	Pennsylvania State University	51-100	WU (Vienna University of Economics and Business)
=50	University of Navarra		

Politics

1	Harvard University	51	Universidad de Buenos Aires (UBA)
2	University of Oxford	=52	American University
3	Princeton University	=52	The University of Hong Kong
4	Sciences Po	54	Renmin (People's) University of China
=5	Stanford University	55	University of St Andrews
=5	The London School of Economics and Political Science (LSE)	56	The University of Melbourne
7	University of Cambridge	57	Queen Mary University of London
8	Yale University	58	University of Copenhagen
9	University of California, Berkeley (UCB)	59	Universidad Nacional Autónoma de México (UNAM)
10	National University of Singapore (NUS)	=60	Universite libre de Bruxelles
11	The Australian National University	=60	Waseda University
=12	Columbia University	=62	Universidad de los Andes
=12	King's College London	=62	University of Texas at Austin
14	Georgetown University	=64	The University of Warwick
15	Massachusetts Institute of Technology (MIT)	=64	Zhejiang University
16	University of Chicago	=66	Universidad de Chile
17	Leiden University	=66	Université Paris 1 Panthéon-Sorbonne
18	University of California, Los Angeles (UCLA)	68	Alma Mater Studiorum - University of Bologna
19	Tsinghua University	69	Humboldt-Universität zu Berlin
20	Fudan University	70	KU Leuven
21	Yonsei University	71	Università Commerciale Luigi Bocconi (Bocconi University)
22	UCL	72	Durham University
23	University of Amsterdam	=73	University of Pennsylvania
24	Seoul National University	=73	University of Zurich
25	Luiss Guido Carli University	=75	Jawaharlal Nehru University
26	University of Michigan-Ann Arbor	=75	Trinity College Dublin, The University of Dublin
27	Peking University	=75	University of Bristol
=28	ETH Zurich - Swiss Federal Institute of Technology	78	Lomonosov Moscow State University
=28	SOAS University of London	79	The University of Queensland
30	The University of Tokyo	80	The University of Exeter
31	The University of Edinburgh	81	Shanghai Jiao Tong University
32	Freie Universitaet Berlin	82	Northwestern University
33	University of California, San Diego (UCSD)	=83	University of Leeds
=34	Duke University	=83	University of Oslo
=34	Nanyang Technological University, Singapore (NTU)	=85	Brown University
=34	University of Toronto	=85	National Taiwan University (NTU)
37	New York University (NYU)	87	Lund University
38	Pontificia Universidad Católica de Chile (UC)	88	Kyoto University
=39	George Washington University	89	The University of Sheffield
=39	Johns Hopkins University	90	University of Sussex
41	Korea University	=91	MGIMO University
42	The University of Sydney	=91	The University of New South Wales (UNSW Sydney)
43	Central European University	=93	The Chinese University of Hong Kong (CUHK)
44	McGill University	=93	Uppsala University
45	The University of Manchester	=95	Ludwig-Maximilians-Universität München
=46	Aarhus University	=95	University of Glasgow
=46	European University Institute	=95	University of Notre Dame
=48	Cornell University	=98	City University of Hong Kong
=48	University of British Columbia	=98	Monash University
50	Universidade de São Paulo	100	University of Vienna

Social Policy

1	Harvard University	51-100	Chung-Ang University (CAU)
2	University of Oxford	51-100	Cornell University
=3	National University of Singapore (NUS)	51-100	Delft University of Technology
=3	Stanford University	51-100	Erasmus University Rotterdam
5	University of Cambridge	51-100	ETH Zurich - Swiss Federal Institute of Technology
6	Yonsei University	51-100	European University Institute
7	The London School of Economics and Political Science (LSE)	51-100	Freie Universitaet Berlin
8	Seoul National University	51-100	Georgetown University
9	University of California, Berkeley (UCB)	51-100	Hanyang University
10	Renmin (People's) University of China	51-100	Hertie School of Governance
11	The University of Hong Kong	51-100	Humboldt-Universität zu Berlin
12	Massachusetts Institute of Technology (MIT)	51-100	KDI School of Public Policy and Management
13	The University of Edinburgh	51-100	Kyoto University
14	Columbia University	51-100	Lingnan University, Hong Kong
15	Syracuse University	51-100	Lund University
16	Tsinghua University	51-100	Nanjing University
17	Sciences Po	51-100	Nanyang Technological University, Singapore (NTU)
18	University of Toronto	51-100	Pontificia Universidad Católica de Chile (UC)
19	Princeton University	51-100	Queen's University Belfast
20	University of Chicago	51-100	Shanghai Jiao Tong University
21	Utrecht University	51-100	Sun Yat-sen University
22	The University of Sydney	51-100	The Chinese University of Hong Kong (CUHK)
=23	Indiana University Bloomington	51-100	The University of Auckland
=23	The University of Tokyo	51-100	The University of Georgia
25	Peking University	51-100	The University of New South Wales (UNSW Sydney)
26	Korea University	51-100	The University of Queensland
27	National Taiwan University (NTU)	51-100	Trinity College Dublin, The University of Dublin
=28	Sungkyunkwan University (SKKU)	51-100	Universidad de Chile
=28	The Australian National University	51-100	Universidad Nacional Autónoma de México (UNAM)
=30	Stockholm University	51-100	Universidade de São Paulo
=30	UCL	51-100	Universität Bremen
32	King's College London	51-100	Universitat de Barcelona
33	University of Bristol	51-100	University College Dublin
34	KU Leuven	51-100	University of Bath
35	University of Michigan-Ann Arbor	51-100	University of Birmingham
36	Johns Hopkins University	51-100	University of Glasgow
37	City University of Hong Kong	51-100	University of Helsinki
38	Leiden University	51-100	University of Leeds
39	University of Amsterdam	51-100	University of Milan
40	Fudan University	51-100	University of Pennsylvania
41	University of York	51-100	University of Southern California
42	Aarhus University	51-100	University of Southern Denmark (SDU)
43	The University of Melbourne	51-100	University of Washington
=44	New York University (NYU)	51-100	University of Zurich
=44	University of British Columbia	51-100	University of Zurich
=46	McGill University	51-100	Ural Federal University - UrFU
=46	Università Commerciale Luigi Bocconi (Bocconi University)	51-100	Wuhan University
=48	Duke University	51-100	Zhejiang University
=48	The University of Manchester		
=48	University of California, Los Angeles (UCLA)		
51-100	Alma Mater Studiorum - University of Bologna		
51-100	American University		
51-100	Arizona State University		
51-100	Beijing Normal University		
51-100	Central European University		

Sociology

1	Harvard University	51	University of North Carolina, Chapel Hill
2	University of Oxford	52	Universidade de São Paulo
3	Stanford University	53	Brown University
4	University of California, Berkeley (UCB)	54	Ecole des Hautes Etudes en Sciences Sociales (EHESS)
5	The London School of Economics and Political Science (LSE)	55	Utrecht University
6	University of Cambridge	56	Stockholm University
7	University of Chicago	57	University of Washington
8	Princeton University	58	Nanyang Technological University, Singapore (NTU)
9	Yale University		Kyoto University
10	University of Michigan-Ann Arbor	=59	The University of Queensland
11	University of Wisconsin-Madison	=59	Zhejiang University
=12	Columbia University	62	University of California, Irvine
=12	University of California, Los Angeles (UCLA)	63	Johns Hopkins University
14	University of Toronto	64	Universidad de Chile
15	National University of Singapore (NUS)	65	Korea University
16	New York University (NYU)	66	The University of Warwick
17	The University of Hong Kong	=67	KU Leuven
18	The Chinese University of Hong Kong (CUHK)	=67	Lancaster University
19	Peking University	69	University of Vienna
20	The University of Manchester	70	Lund University
21	University of Amsterdam	71	Pontificia Universidad Católica de Chile (UC)
22	UCL	=72	Essex, University of
23	The Australian National University	=72	SOAS University of London
24	Duke University	=72	University of Oslo
25	Cornell University	75	Leiden University
26	Yonsei University	=76	University of Birmingham
27	The University of Tokyo	=76	University of Minnesota Twin Cities
28	Renmin (People's) University of China	78	Monash University
29	Universidad Nacional Autónoma de México (UNAM)	79	Université Paris 1 Panthéon-Sorbonne
=30	The University of Edinburgh	80	University of Helsinki
=30	University of Pennsylvania	=81	Universitat Autònoma de Barcelona
32	National Taiwan University (NTU)	=81	University of Leeds
33	Sciences Po	83	Beijing Normal University
34	The University of Melbourne	84	University of Groningen
35	Seoul National University	85	The Hong Kong University of Science and Technology
=36	Humboldt-Universität zu Berlin	=86	Cardiff University
=36	Northwestern University	=86	Nanjing University
38	University of British Columbia	88	University of York
=39	The University of Sydney	=89	Durham University
=39	University of Sussex	=89	European University Institute
41	Massachusetts Institute of Technology (MIT)	=89	Sun Yat-sen University
42	University of Bristol	=89	The University of Auckland
=43	Freie Universität Berlin	=93	Central European University
=43	Tsinghua University	=93	Erasmus University Rotterdam
45	Fudan University	=93	The University of Sheffield
46	University of Copenhagen	=93	Universidad Nacional de Colombia
47	University of Texas at Austin	=97	City University of Hong Kong
48	McGill University	=97	Pennsylvania State University
49	King's College London	=99	The University of New South Wales (UNSW Sydney)
50	Universidad de Buenos Aires (UBA)	=99	Universidade Federal do Rio de Janeiro

Sports-related Subjects

1	Loughborough University	51-100	Australian Catholic University
2	The University of Queensland	51-100	Beijing Sport University
3	The University of Sydney	51-100	Boston University
4	University of Toronto	51-100	Cornell University
5	University of British Columbia	51-100	Curtin University
6	The University of Melbourne	51-100	Durham University
7	University of Florida	51-100	Florida State University
8	University of Birmingham	51-100	Ghent University
9	University of Michigan-Ann Arbor	51-100	Griffith University
10	University of Alberta	51-100	Kyoto University
11	University of Otago	51-100	Leeds Beckett University
=12	National University of Singapore (NUS)	51-100	Maastricht University
=12	University of Bath	51-100	Manchester Metropolitan University (MMU)
=14	Deakin University	51-100	Massachusetts Institute of Technology (MIT)
=14	Pennsylvania State University	51-100	Michigan State University
16	Liverpool John Moores University	51-100	National Taiwan University (NTU)
17	University of Copenhagen	51-100	New York University (NYU)
=18	Columbia University	51-100	Northwestern University
=18	The University of Edinburgh	51-100	Queen's University at Kingston
20	Western University	51-100	Queensland University of Technology (QUT)
=21	KU Leuven	51-100	Shanghai Jiao Tong University
=21	Seoul National University	51-100	Swansea University
=21	The Chinese University of Hong Kong (CUHK)	51-100	Temple University
24	The University of Auckland	51-100	Texas A&M University
25	The Ohio State University	51-100	The University of Newcastle, Australia (UON)
26	Yonsei University	51-100	Trinity College Dublin, The University of Dublin
27	The University of Hong Kong	51-100	Tsinghua University
28	University of North Carolina, Chapel Hill	51-100	UNESP
=29	Nanyang Technological University, Singapore (NTU)	51-100	Universidade Estadual de Campinas (Unicamp)
=29	University of Calgary	51-100	Universitat de Barcelona
=29	University of Illinois at Urbana-Champaign	51-100	Universitat de Valencia
32	The University of Western Australia	51-100	University College Dublin
33	McMaster University	51-100	University of Bristol
=34	Peking University	51-100	University of Canberra
=34	University of Ottawa	51-100	University of Colorado Boulder
36	McGill University	51-100	University of Glasgow
37	The University of Exeter	51-100	University of Granada
38	Auckland University of Technology (AUT)	51-100	University of Groningen
39	Universidade de São Paulo	51-100	University of Lausanne
40	UCL	51-100	University of Leeds
41	University of Technology Sydney	51-100	University of Limerick
=42	The University of Manchester	51-100	University of Massachusetts Amherst
=42	Vrije Universiteit Amsterdam	51-100	University of Nottingham
44	The University of New South Wales (UNSW Sydney)	51-100	University of South Australia
45	Edith Cowan University	51-100	University of Southern California
46	The Hong Kong Polytechnic University	51-100	University of Southern Denmark (SDU)
=47	La Trobe University	51-100	University of Tsukuba
=47	University of Jyväskylä	51-100	University of Waterloo
49	The University of Tokyo	51-100	Victoria University
50	King's College London	51-100	Waseda University

Statistics

1	Massachusetts Institute of Technology (MIT)	51-100	Alma Mater Studiorum - University of Bologna
2	Stanford University	51-100	Arizona State University
3	Harvard University	51-100	City University of Hong Kong
4	University of Cambridge	51-100	Eindhoven University of Technology
5	University of California, Berkeley (UCB)	51-100	Erasmus University Rotterdam
6	ETH Zurich - Swiss Federal Institute of Technology	51-100	Humboldt-Universität zu Berlin
7	University of Oxford	51-100	Indian Institute of Technology Delhi (IITD)
8	Georgia Institute of Technology	51-100	Indian Institute of Technology Kharagpur (IIT-KGP)
9	Tsinghua University	51-100	King Abdullah University of Science & Technology (KAUST)
10	National University of Singapore (NUS)	51-100	Korea University
11	Imperial College London	51-100	KTH Royal Institute of Technology
12	Carnegie Mellon University	51-100	KU Leuven
13	Princeton University	51-100	Kyoto University
14	EPFL	51-100	Lancaster University
15	Columbia University	51-100	Ludwig-Maximilians-Universität München
16	University of California, Los Angeles (UCLA)	51-100	McGill University
17	University of Toronto	51-100	Monash University
18	University of Chicago	51-100	Pennsylvania State University
19	University of Michigan-Ann Arbor	51-100	Sapienza University of Rome
20	Cornell University	51-100	Technische Universität Berlin (TU Berlin)
21	Peking University	51-100	Texas A&M University
=22	Shanghai Jiao Tong University	51-100	The Australian National University
=22	Technical University of Munich	51-100	The London School of Economics and Political Science (LSE)
=24	The University of Hong Kong	51-100	The University of Edinburgh
=24	University of Pennsylvania	51-100	The University of Manchester
26	The Hong Kong University of Science and Technology	51-100	The University of Melbourne
27	Duke University	51-100	The University of New South Wales (UNSW Sydney)
28	Nanyang Technological University, Singapore (NTU)	51-100	The University of Queensland
29	University of Washington	51-100	The University of Sydney
30	Purdue University	51-100	Universidade de São Paulo
31	The Hong Kong Polytechnic University	51-100	Université catholique de Louvain (UCLouvain)
32	Institut Polytechnique de Paris	51-100	University of Amsterdam
=33	Fudan University	51-100	University of Bristol
=33	Northwestern University	51-100	University of California, San Diego (UCSD)
=33	The University of Warwick	51-100	University of Copenhagen
=36	Sorbonne University	51-100	University of Florida
=36	Yale University	51-100	University of Leeds
=38	Université de Montréal	51-100	University of Minnesota Twin Cities
=38	Université PSL	51-100	University of North Carolina, Chapel Hill
40	The University of Tokyo	51-100	University of Nottingham
=41	Delft University of Technology	51-100	University of Science and Technology of China
=41	New York University (NYU)	51-100	University of Southampton
=41	The Chinese University of Hong Kong (CUHK)	51-100	University of Southern California
=41	UCL	51-100	University of Technology Sydney
45	Zhejiang University	51-100	University of Texas at Austin
46	University of British Columbia	51-100	University of Vienna
47	University of Illinois at Urbana-Champaign	51-100	University of Waterloo
=48	Johns Hopkins University	51-100	Virginia Polytechnic Institute and State University
=48	Université Paris-Saclay	51-100	Yonsei University
=50	Seoul National University		
=50	University of Wisconsin-Madison		



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Global MBA	300
Recalculating	301
Ranks	305
The Perfect Cake	309
Business Masters Specialisations	314
Masters in Management	315
<i>Masters in Finance</i>	317
<i>Masters in Business Analytics</i>	319
<i>Masters in Marketing</i>	321
<i>Masters in Supply Chain Management</i>	323
<i>When Spirituality & Business Collide</i>	324
<i>Faith & Finance</i>	329
International Trade	332
<i>Rust Belt & Unis</i>	333

Global MBA

Recalculating

By Nick Harland

"Absolutely horrendous," is how one former tech worker describes the job market at the moment. "So saturated," adds on another former tech employee Dylan Reiling. For Krysten Klosowski, the reasons for her former employer's cutbacks were simple: "They grew too big too fast."

These stories are becoming ever more familiar in the tech industry, which not long ago was seen as almost bulletproof. The COVID era saw wild growth that precipitated giddy rounds of hiring: both Amazon and Meta doubled their headcount from 2019 to 2021. But a storm of factors described by Deloitte as "high inflation, elevated interest rates, and considerable macroeconomic and global uncertainties" soon led to industry-wide cutbacks.

The speed of the turnaround was astonishing. According to job loss tracker Layoffs.fyi, the first quarter of 2022 saw an estimated 9,909 lay-offs across the industry. By the first quarter of 2023, that figure had skyrocketed to 167,574.

Yet education has long provided an escape route for people in times of economic strife. By the time industry lay-offs peaked in early 2023, business schools had already started making moves to attract those displaced workers. Application windows were wedged open indefinitely, test waivers waved in front of applicants, while the normal-premium admissions consulting was offered for free.

But when we hear about industry lay-offs, it can be easy to focus on the headline numbers rather than the personal stories of the thousands who lost their jobs. What happened to those ex-tech workers who made the bold leap into an MBA? And what does it say about the wider winds of change in the industry?

Career reset

Dylan Reiling had never considered an MBA before. In his thirties, and holding down a senior tech role in San Francisco, it didn't seem like he would ever need one. "Truthfully, at that point in my career I assumed I wasn't going to get an MBA," he tells *QS Insights Magazine*. "I feel like tech - compared to other industries like consulting or finance - you don't need an MBA as much."

Up until that point, Reiling's career had followed the Silicon Valley playbook. Having worked for some top-tier tech names in the Bay Area region since 2017, he joined a bright young San Fran startup in October 2021. It had just attracted Series C funding and was seemingly heading towards a bright future. So far, so Silicon Valley. But within a year, that growth capital gradually shrunk away. Reiling was laid off a year later, his future suddenly uncertain.

"It definitely wasn't a great time," he recalls. "For context, I had just moved into a one-bedroom in San Francisco, which is very expensive. But once I was laid off, I only received three weeks of severance, I didn't really have health insurance, so it immediately became a big financial burden. I was almost immediately draining my savings just trying to pay rent and health insurance and very basic things."

The timing couldn't have been worse. Tech lay-offs were almost at their peak, with budgets withering and hiring halted. Reiling started job hunting straight away, but dis-

covered a very different market to the one he had known. He reached the final round of interviews five or six times, but was knocked back each time. "There was always another applicant from a bigger company with more experience," he laments.

Eventually, Reiling faced one rejection too many. "I remember exactly which final round it was when it happened again. I thought: 'This obviously isn't working.' It wasn't until the market beat me down that I realised I needed a plan B." Reiling started seriously considering an MBA, and ended up winning a place on the programme at Kellogg School of Management in Illinois.

Eventually, Reiling faced one rejection too many. "I remember exactly which final round it was when it happened again. I thought: 'This obviously isn't working.' It wasn't until the market beat me down that I realised I needed a plan B." Reiling started seriously considering an MBA, and ended up winning a place on the programme at Kellogg School of Management in Illinois.

Others faced similar headwinds at similar times. Krysten Klosowski had held down sales roles at the likes of Salesforce and DocuSign, but was laid off from her job at Airtable in December 2022. Most of her team had been there for less than a year. It was a similar story for Risa Ichwandiani, who had been Head of Commercial at the air logistics provider Teleport until May 2024.

Like Reiling, it wasn't a pleasant time in Klosowski's life. "Amid the layoff, it was tough dealing with the unknown and uncertainty that it comes with," she recalls. But unlike Reiling, an MBA had long been swimming around her thoughts. "An MBA was something that I had always planned to get, but being laid off helped me put that plan into action."

For Ichwandiani, the lay-off also represented a chance to reset. "Normally, I would feel nervous with the uncertainty," she says. "But I had long thought about doing an MBA, so the timing aligned perfectly."

After Texas McCombs waived test requirements and extended their third application round, Klosowski successfully applied for the school's full-time MBA programme. Ichwandiani, meanwhile, joined the MBA programme at the Asia School of Business in Kuala Lumpur, Malaysia. A new chapter was about to begin.

The paths followed by these students are becoming increasingly common - and those winds of change are also being felt at the other side of the admissions table. Gale G. Nichols is the Executive Director of the full-time MBA programme at Kelley School of Business in Indiana. Although Kelley didn't see a surge of applications amid the layoffs - "it normally goes the other way" - she acknowledges that a once-boiling industry has now reduced to a simmer.

"Tech has definitely become more popular over the time that I've worked here," she says. "It is a very hot area, but it has been a bit more challenging for students to get jobs in tech over the last year or so. It has been more competitive and they have been cutting back on hiring."

With more and more tech workers starting an MBA, it feels like we're on the verge of a culture clash. "I think people in tech are generally under the view that an MBA doesn't add a lot, that it's more valuable to have experience... they really value more where you worked than where you went to school," says Reiling.

Still, he has noticed an increase in the number of MBAs in the tech industry in recent years and himself is experiencing the career uptick that it can provide. "The biggest thing and the end goal for me going into this programme was positioning me for a job," he says. "And I do think it's done a great job at that. During my interview process I was

getting interview offers from basically all of my target companies - Salesforce, Apple, Amazon... I don't think that would have been possible without an MBA."

For Klosowski, the programme at Texas McCombs has more than met her expectations. She has used it as a chance to pivot, taking the opportunity to explore new areas and potential new directions in her career. Similarly, Ichwandiani's MBA has provided her with the career reset that she hoped it would. She's now working for a startup in South-east Asia, with one eye on a COO role in the future.

As these students can attest, being laid off is a challenging time in life. It makes you question yourself, your abilities and your priorities in life. The situation they were faced with may not have come about by choice. But it did mean a chance to take stock and reassess their own priorities. Nichols has noticed those shifting priorities among Kelley students.

"A lot of students want to do something more meaningful nowadays," she says. "I think many students are looking for that deeper gratification, and they're no longer just driven by salary or working for a big-name company."

Education can provide new direction in life and act as a springboard to brighter things. But tough economic times should not be seen as a land grab for new students. Now more than ever, universities must offer students that meaning and gratification they're increasingly looking for in the workplace.

"Looking back now, I consider myself lucky," says Klosowski. "Because it gave me time to think about what I really wanted for my future."

Reiling is more cautious about his unexpected career change - though it's trending in the right direction. "We'll have to see how it works out in the long-term," he says. "For better or worse, it has been a new life experience. I'm in a new part of the country in a new city, experiencing new things - although I'm hesitant to call it a blessing in disguise until I see the long-term picture."

Whether an MBA provides that gratification for these students remains to be seen. But one thing seems certain: this career path is one we're likely to see more of in the coming years.

Originally published in QS Insights Magazine 20, August 2024.

1	Stanford Graduate School of Business	US	51	EM Lyon Business School	FR
2	Penn (Wharton)	US	52	University of St.Gallen	CH
3	Harvard Business School	US	53	Indian Institute of Management Bangalore	IN
4	MIT (Sloan)	US	54	Georgetown (McDonough)	US
5	London Business School	UK	55	WHU (Otto Beisheim)	DE
6	HEC Paris	FR	56	EGADE Business School	MX
7	Cambridge (Judge)	UK	57	Dartmouth (Tuck)	US
8	Columbia Business School	US	58	University of Edinburgh Business School	UK
9	IE Business School	ES	59	Emory (Goizueta)	US
10	IESE Business School	ES	60	Florida (Warrington)	US
11	INSEAD	FR	60	IIM Ahmedabad	IN
11	Northwestern (Kellogg)	US	62	Babson College (Olin)	US
13	UC Berkeley (Haas)	US	63	Shanghai Jiao Tong (Antai)	CN
14	UCLA (Anderson)	US	64	Virginia (Darden)	US
15	Chicago (Booth)	US	65	IIM Calcutta	IN
16	Yale School of Management	US	66	McGill (Desautels)	CA
17	NYU (Stern)	US	67	Fudan University	CN
18	Imperial College Business School	UK	68	Cranfield School of Management	UK
19	Oxford (Saïd)	UK	68	Texas A&M (Mays)	US
20	SDA Bocconi School of Management	IT	70	Vlerick Business School	BE
21	Esade Business School	ES	71	Minnesota (Carlson)	US
22	Michigan (Ross)	US	72	Leeds University Business School	UK
23	Duke (Fuqua)	US	72	Michigan State (Eli Broad)	US
24	IMD	CH	72	POLIMI School of Management	IT
25	NUS Business School - National University of Singapore (NUS)	SG	72	Washington (Olin)	US
26	Copenhagen Business School	DK	76	Penn State (Smeal)	US
27	ESCP Business School	FR	76	Western (Ivey)	CA
28	ESSEC Business School	FR	78	ESMT Berlin	DE
29	Tsinghua University, School of Economics and Management	CN	79	Suliman S. Olayan School of Business at AUB	LB
30	Warwick Business School	UK	80	CUHK Business School	HK
31	Cornell (Johnson)	US	81	UQ Business School	AU
32	Erasmus (RSM)	NL	82	Yonsei School of Business	KR
32	Melbourne Business School	AU	83	Notre Dame (Mendoza)	US
33	UNSW (AGSM)	AU	83	Washington (Foster)	US
34	USC (Marshall)	US	85	Rice (Jones)	US
35	Boston (Questrom)	US	86	Indian School of Business	IN
36	Nanyang Business School, Singapore	SG	86	North Carolina (Kenan-Flagler)	US
37	Texas (McCombs)	US	88	UT Dallas (Naveen)	US
38	China Europe International Business School (CEIBS)	CN	89	Audencia Business School	FR
39	Toronto (Rotman)	CA	90	Rochester (Simon)	US
40	Frankfurt School of Finance & Management	DE	91	Queen's (Smith)	CA
41	SMU (Lee Kong Chian)	SG	92	Grenoble Ecole de Management	FR
42	Carnegie Mellon (Tepper)	US	92	Ohio State (Fisher)	US
43	University of Hong Kong	HK	94	Wisconsin School of Business	US
44	Indiana (Kelley)	US	95	Arizona State (Carey)	US
45	University of Sydney Business School	AU	95	INCAE Business School	CR
46	HKUST	HK	97	Cape Town GSB	ZA
47	EDHEC Business School	FR	98	George Washington	US
47	Manchester (Alliance)	UK	99	City University of Hong Kong	HK
47	Mannheim Business School	DE	99	Zhejiang University	CN
50	Georgia Tech (Scheller)	US			

101-110	Athens University of Economics and Business	GR	151-200	Abu Dhabi University	AE
101-110	British Columbia (Sauder)	CA	151-200	American University of Sharjah	AE
101-110	Durham University Business School	UK	151-200	Asian Institute of Technology	TH
101-110	IESEG School of Management	FR	151-200	Aston Business School	UK
101-110	Luiss Business School	IT	151-200	Auburn (Harbert)	US
101-110	Macquarie Business School, Macquarie University	AU	151-200	Baylor (Hankamer)	US
101-110	Qatar University	QA	151-200	Brigham Young (Marriott)	US
101-110	Trinity Business School, Trinity College Dublin	IE	151-200	Brunel Business School	UK
101-110	Vanderbilt (Owen)	US	151-200	Coller School of Management, Tel Aviv University	IL
101-110	York (Schulich)	CA	151-200	Colorado Boulder (Leeds)	US
111-120	Bayes Business School	UK	151-200	Colorado State University - College of Business	US
111-120	Georgia (Terry)	US	151-200	Corvinus School of Management, Corvinus University of Budapest	HU
111-120	Maryland (Smith)	US	151-200	Ecole Supérieure des Affaires	LB
111-120	North Carolina State (Jenkins)	US	151-200	ESIC Business & Marketing School	ES
111-120	Oxford Brookes Business School	UK	151-200	EU Business School	ES
111-120	Renmin University of China (RMBS)	CN	151-200	Fordham (Gabelli)	US
111-120	The American University in Cairo	EG	151-200	GBSB Global Business School	ES
111-120	The Lisbon MBA	PT	151-200	Glasgow (Adam Smith)	UK
111-120	TIAS School for Business and Society	NL	151-200	HEC Montréal	CA
111-120	UC Davis	US	151-200	Howard University	US
121-130	American (Kogod)	US	151-200	IAE Business School	AR
121-130	Bath School of Management	UK	151-200	Indian Institute of Management (IIM) - Kozhikode	IN
121-130	KFUPM Business School	SA	151-200	International University of Monaco	MC
121-130	Lehigh University	US	151-200	IPADE Business School	MX
121-130	Miami (Herbert)	US	151-200	Kent Business School	UK
121-130	NUCB Business School	JP	151-200	Liverpool Management School	UK
121-130	Pace University (Lubin)	US	151-200	McMaster (DeGroot)	CA
121-130	Thammasat Business School	TH	151-200	MIB Trieste School of Management	IT
121-130	UCD (Smurfit)	IE	151-200	Missouri (Trulaske)	US
121-130	University of Western Australia Business School	AU	151-200	Newcastle University Business School	UK
131-140	Alberta School of Business	CA	151-200	Northeastern (D'AmoreMcKim)	US
131-140	Asian Institute of Management	PH	151-200	Oregon (Lundquist)	US
131-140	Boston College (Carroll)	US	151-200	Otago Business School	NZ
131-140	Florida International University College of Business	US	151-200	Othman Yeop Abdullah Graduate School of Business	MY
131-140	HHL Leipzig Graduate School of Management	DE	151-200	Putra Business School	MY
131-140	Lancaster University Management School	UK	151-200	RMIT University School of Business and Law	AU
131-140	Nottingham University Business School	UK	151-200	San Francisco (Masagung)	US
131-140	Strathclyde Business School	UK	151-200	Shanghai University of Finance and Economics	CN
131-140	United Arab Emirates University College of Business and Economics	AE	151-200	SMU (Cox)	US
131-140	Universidad Carlos III de Madrid	ES	151-200	Sun Yat-Sen	CN
141-150	Arizona (Eller)	US	151-200	Sungkyunkwan University GSB	KR
141-150	Birmingham Business School	UK	151-200	Tampa (Sykes)	US
141-150	Concordia (John Molson)	CA	151-200	The University of Sussex Business School	UK
141-150	EAE Business School	ES	151-200	UC San Diego (Rady)	US
141-150	Pittsburgh (Katz)	US	151-200	UniSA Business School	AU
141-150	Rutgers Business School	US	151-200	Universidad de Chile	CL
141-150	School of International Corporate Strategy, Hitotsubashi University	JP	151-200	Universidad de Palermo	AR
141-150	Southampton Business School	UK	151-200	University at Buffalo	US
141-150	UC Irvine (Merage)	US	151-200	University of Bahrain	BH
141-150	Wits Business School	ZA	151-200	University of Technology Sydney Business School	AU

151-200	Wollongong (Sydney)	AU	251+	Adnan Kassar School of Business	LB
151-200	Zagreb School of Economics and Management	HR	251+	Alabama (Manderson)	US
201-250	ALBA Graduate Business School	GR	251+	Albers (Seattle)	US
201-250	American Institute of Applied Sciences in Switzerland	CH	251+	Al-Quds University	PS
201-250	BINUS Business School	ID	251+	American University in Dubai	AE
201-250	Brandeis International Business School	US	251+	Arab Academy for Science, Technology and Maritime Transport (AASTMT)	EG
201-250	Case Western (Weatherhead)	US	251+	Arkansas (Walton)	US
201-250	Chulalongkorn Business School	TH	251+	Baruch College (Zicklin)	US
201-250	Cincinnati (Lindner)	US	251+	Bentley (McCallum)	US
201-250	Connecticut (UCONN)	US	251+	Bologna University Business School	IT
201-250	Dalhousie (Rowe)	CA	251+	Brock (Goodman)	CA
201-250	Deakin Business School	AU	251+	California State Long Beach	US
201-250	Denver (Daniels)	US	251+	Carleton (Sprott)	CA
201-250	EADA Business School	ES	251+	CENTRUM Católica Business School	PE
201-250	Edinburgh Napier University (The Business School)	UK	251+	Chapman (Argyros)	US
201-250	ESAN Graduate School of Business	PE	251+	Claremont (Drucker)	US
201-250	Exeter Business School	UK	251+	Clark University School of Business	US
201-250	Fox School of Business	US	251+	Clarkson University	US
201-250	Gulf University for Science and Technology (GUST)	KW	251+	Clemson University (Powers)	US
201-250	Haskayne School of Business	CA	251+	Curtin Business School	AU
201-250	Houston (Bauer)	US	251+	Dominican University (Brennan)	US
201-250	Indian Institute of Management Indore	IN	251+	Doshisha University	JP
201-250	Indian Institute of Management Lucknow	IN	251+	Drexel (LeBow)	US
201-250	Indian Institute of Management Udaipur	IN	251+	East China University of Science and Technology	CN
201-250	La Trobe Business School	AU	251+	EMLV Business School	FR
201-250	Loughborough School of Business and Economics	UK	251+	Estonian Business School	EE
201-250	LUT University	FI	251+	Fairfield (Dolan)	US
201-250	Ottawa (Telfer)	CA	251+	Graduate School of Business - University of South Pacific	Fiji
201-250	Pepperdine (Graziadio)	US	251+	Graduate School of Business AlmaU	KZ
201-250	Porto Business School	PT	251+	Hochschule Bremen	DE
201-250	Qassim University	SA	251+	Hofstra (Zarb)	US
201-250	Queen's University of Belfast	UK	251+	Institute Of Management Technology, Ghaziabad	IN
201-250	Sabancı Business School	TR	251+	International Business Academy (IBA)	UK
201-250	San Diego (Knauss)	US	251+	International Business Academy of Switzerland (IBAS)	CH
201-250	Sasin School of Management	TH	251+	International Management Institute - Delhi	IN
201-250	Sheffield University Management School	UK	251+	International Management Institute - Kolkata	IN
201-250	Simon Fraser (Beedie)	CA	251+	International University of Japan	JP
201-250	South Carolina (Moore)	US	251+	Iowa State University (Ivy)	US
201-250	Suleman Dawood School of Business	PK	251+	ISC Paris	FR
201-250	Syracuse (Whitman)	US	251+	ISDI - Digital Business School	ES
201-250	Texas Christian (Neely)	US	251+	Kent State University (Crawford)	US
201-250	The Hong Kong Polytechnic University	HK	251+	Kentucky (Gatton)	US
201-250	United International Business Schools (UIBS)	NL	251+	Lagos Business School	NG
201-250	Universitas Gadjah Mada	ID	251+	Louisiana State University - Baton Rouge (Ourso)	US
201-250	University of California (Riverside)	US	251+	Management Development Institute Gurgaon	IN
201-250	University of Indonesia	ID	251+	Manitoba (Asper)	CA
201-250	Utah (Eccles)	US	251+	Massey Business School	NZ
201-250	Waseda Business School	JP	251+	Narxoz University	KZ
201-250	Willamette (Atkinson)	US	251+	National Cheng Kung University	TW
201-250	XLRI- Xavier School of Management	IN	251+	Nazarbayev University Graduate School of Business	KZ

251+	North Carolina, Greensboro (Bryan)	US
251+	Oregon State	US
251+	Ozyegin University, Graduate School of Business	TR
251+	Pacifico Business School	PE
251+	Paris School of Business	FR
251+	Reykjavik University School of Business	IS
251+	RISEBA University of Applied Sciences	LV
251+	RIT (Saunders)	US
251+	Ritsumeikan APU	JP
251+	Rome Business School	IT
251+	Rowan University	US
251+	Saint Louis University (Chaifetz)	US
251+	Saint Mary's (Sobey)	CA
251+	Saskatchewan (Edwards)	CA
251+	Shanghai University	CN
251+	SolBridge International School of Business	KR
251+	Somaiya Vidyavihar University	IN
251+	South Dakota (Beacom)	US
251+	Stevens Institute of Technology	US
251+	Suffolk (Sawyer)	US
251+	Swiss School of Business and Management (SSBM Geneva)	CH
251+	Texas Tech (Rawls)	US
251+	TMU (Ted Rogers)	CA
251+	Universidad EAFIT	CO
251+	Universidad Icesi	CO
251+	University at Albany	US
251+	University of Cyprus	CY
251+	University of Kansas	US
251+	University of Louisville	US
251+	University of Massachusetts (Dartmouth)	US
251+	University of New Brunswick	CA
251+	University of Sarajevo	BA
251+	University of South Florida (Muma)	US
251+	University of Tennessee, Knoxville – Haslam College of Business	US
251+	University of the West Indies at Mona	JM
251+	Victoria (Gustavson)	CA
251+	Victoria University	AU
251+	Wilfrid Laurier (Lazaridis)	CA
251+	William & Mary (Mason)	US
251+	Worcester Polytechnic Institute (Foisie)	US

The Perfect Cake

By Claudia Civinini

Malik Zahir left school before sitting his A-levels in a private international school in Sri Lanka.

"My dad couldn't afford it, and I realised that I wouldn't be able to go to university; so I just walked out," Zahir tells *QS Insights Magazine*.

He recalls that it was a relative who convinced him it wasn't a great idea to abandon his education. He didn't go back to school, but instead pursued two professional qualifications: the CIMA, a qualification in management accounting, and then the CFA, a qualification for investment professionals

These qualifications launched his career, taking him from commercial banking to fundamental equity research, then into fund management and ultimately to his current role as an asset allocator.

Zahir is now the Head of Investments – Managing Director at KAPSARC Investment Management Company in Saudi Arabia, which serves as the endowment of the King Abdullah Petroleum Studies and Research Centre (KAPSARC) and is affiliated with the Ministry of Energy.

The idea of pursuing an MBA came early, but it wasn't until later in his career that he could make it a reality. The catalysts were a mid-career reflection and the Covid lockdown.

"Being a good fund manager requires continuous learning," he explains.

"After about 10 years, I realised that my learning curve had begun to plateau, and I was engaging with the same cohort of people, discussing similar ideas. I wanted to break out of that bubble.

"I realised I needed a reboot to gain fresh perspectives and refresh my Rolodex."

That's when he applied for the Executive MBA at the Dubai Campus of the London Business School (LBS).

Most often, an undergraduate degree is a requirement to access postgraduate business degrees. However, many business schools consider students who don't have any prior academic background. The admissions process varies from course to course – some ask candidates to sit standardised tests and some don't.

For Zahir himself, not having an academic background wasn't a barrier to his success.

"You can learn the technical aspects of your job from many avenues. In my case, I got them through my professional qualifications and on-the-job experience," he says.

"If you've been selected for an LBS MBA programme, you're likely already doing well in your career, degree or not. Chances are, you have the skills and mindset to succeed in the programme."

But two interconnected, essential aspects are valued across the board: a long, managerial-level work experience and the ability to contribute to peer learning.

Intergenerational learning

"We get some really interesting applications from people who don't have an academic background," Paul Harvey, Executive Director of Recruitment & Admissions at

London Business School, tells *QS Insights Magazine*.

At LBS, there are four degrees that consider applicants without an undergraduate degree: the Executive MBA, the full-time MBA, the Master's in Finance and the Sloan Masters.

"Ultimately, we are looking for candidates who we think can be successful, and academic performance is clearly part of that. Where that doesn't exist, we look at other indicators comparable to academic performance," Harvey says.

Alternative qualifications, industry certification or other examples of professional learning are taken into account, he adds, while standardised tests such as the GMAT or the Executive Assessment are a good demonstration of a candidate's academic ability.

"Alternative qualifications and testing scores are a good means to say, 'well, this person clearly has strong academic ability, it's just that they have chosen to follow different options earlier in their career cycle and they haven't completed a first degree'," Harvey says.

Another programme accepting students without an undergraduate degree is the International Master's Program for Managers, which is offered in collaboration by five institutions: the McGill Desautels Faculty of Management in Canada, Lancaster University in the UK, FGV EBAPE (Escola Brasileira de Administração Pública e de Empresas) in Brazil, the Indian Institute of Management in Bangalore, India and Yokohama National University in Japan.

Global Executive Director Ron Duerksen explains: "About 10 percent of participants don't have a degree across all cohorts of IMPM since 1997."

The admissions team conducts what Duerksen calls a holistic evaluation process but no standardised test is utilised. Evidence of learning and training, such as short courses and microcredentials, is considered during the process, while the interviews allow the team to select applicants that can bring value to the peer-to-peer classroom experience, he explains.

The minimum requirement is 10 years of managerial experience, which commonly translates to at least 20 years of work experience. But there are some exceptions to that.

"I am a big fan of intergenerational learning," Duerksen says.

"To only have people in their 40s or 50s in the programme is a little bit of a disservice, I think, because there are people in their 30s with a lot of interesting experience. So, we do accept some younger people if they have some interesting, senior-level experience."

Baking a cake

Extensive work experience can enrich classroom contributions and the diverse perspectives of students without an undergraduate degree are highly valued, given the strong emphasis of peer learning in these programmes.

Duerksen explains that all three programmes offered at McGill's business school modelled on the mindset-based approach developed by Professor Henry Mintzberg – the IMPM, the Montreal Executive MBA and the International Master's in Health Leadership – emphasise the experience of the participants as much as any academic background.

"We have a 50-50 rule – and professors only have 50 percent of the time. The rest is peer-to-peer consulting, action learning and company visits. That's why it's

so important to bring people into these programmes that have a lot of interesting experience," he says.

"I think there is a trend around the world to be more open to accepting people without an undergraduate degree and having this format where you build on people's experience, not just on the professors."

Creating a cohort where peer learning can happen is the work of admissions teams. This is where the perfect group – or, as Harvey would have it, the perfect cake – is made.

"I probably annoy my team by using the same analogy over and over," he confesses.

"I always say that what my Recruitment and Admissions team are doing when they are looking at the candidate pool is a bit like baking a cake. They are looking for the right ingredients – for the right people. And a lot of it is identifying people that are going to be learning and working well together.

"We spend a lot of time ensuring our classes are a really good diverse mix, an environment where you almost always have a sense of being in a minority.

"Someone who has worked in finance all their life will be different from someone who has worked in an entrepreneurial role, or from someone who has worked in consulting. There's an awful lot that that diversity can bring."

Those right ingredients were exactly what Zahir was looking for.

His most important piece of advice for prospective EMBA students, in fact, boils down to one crucial aspect: cultivating meaningful connections.

"Don't make your relationships transactional; genuinely try to get to know your peer cohort," he says.

"My class was a super diverse cohort of students. It was very interesting and rewarding to collaborate with driven, accomplished individuals who brought unique perspectives to the table."

Elective modules on his EMBA, he adds, were shared with all other business degrees, from the standard MBA courses for students in their 20s to courses for senior managers in their 50s.

"In the same class, graduate MBA students entering the workforce collaborate alongside self-made billionaires. This unique ecosystem fosters spontaneous and serendipitous learning experience," he says.

Flipping the question

That extensive work experience is valued in an EMBA may not strike as particularly surprising, and beyond making candidates more able to contribute to peer learning, it enables them to succeed on the course.

And, as Duerksen says, candidates without an undergraduate degree may not have an academic background, "but they certainly know better than an MBA graduate, for instance, how to lead and motivate a team".

Another UK business school considering candidates without an undergraduate degree for its EMBA programme is Henley Business School. Dr Ana Graça, Programme Director of the EMBA, Global and Helen O'Hara, Regional EMBA Recruitment Manager, tell *QS Insights Magazine* they consider evidence of more than five years management experience when an applicant doesn't possess a degree.

While professional experience equips students with course-specific skills, it also contributes significantly to the development of their general academic abilities.

“We find that work and industry experience can give students a variety of skills to help them succeed academically,” Graça and O’Hara explain.

“This includes critical thinking, problem solving, collaboration, decision making – the ability to solve problems when facing a busy schedule combining work and personal commitments.”

The question of transferrable skills between academia and the workplace is generally debated in one way: do degree programmes equip students with the skills to succeed in the workplace? Flipping the question to wonder whether the workplace equips people with the skills to succeed at university is equally interesting.

Duerksen is confident: professional experience does equip candidates to succeed in their studies.

Solving complex business problems, he explains, gives applicants an edge when it comes to analytical thinking, and engaging with different stakeholders hones their communication and presentation skills. Leadership and teamworking skills are, unsurprisingly, well-developed in these candidates.

The practical professional experience doesn’t even need to be at managerial level to give people valuable skills they can use to study at university.

Ailish Harikae, Staff Apprenticeships Manager at Imperial College London in the UK, observes that students who enter apprenticeship programmes from school and later pursue a bachelor’s degree can bring unique strengths to their tertiary studies.

“Having been on a quite practical apprenticeship for several years, they’ve developed skills in the workplace that can support higher learning, like critical thinking and problem-solving skills, which allow them to really succeed in their degree and can provide a robust alternative to A-Levels, for example,” she tells *QS Insights Magazine*.

Beyond traditional metrics

The ability to consider and evaluate the skills candidates develop in the workplace touches on the question of widening access to higher education, and how academic potential can be recognised and assessed in candidates with no or insufficient record of academic performance.

“The type of programme that a candidate is applying for will often dictate what may be needed, and sometimes preferred, for the individual to succeed. Many post-experience programmes like the EMBA or those of a more applied nature can offer the opportunity for a more diverse cohort,” Graça and O’Hara explain.

“Key is identifying the skills, qualities and experience that enable someone to cope with the demands of a programme but also achieve the best that they can – and whether there are alternative ways of demonstrating those attributes.”

Flexibility is also dictated by the institution’s context. In the case of the London Business School, Harvey says, what he calls a “very British mindset” won’t be the most appropriate approach.

“We are a global school, with over 90 percent of applications coming from international candidates. We are not looking just for a 2:1 at a Russell Group University; it has to be broader than that,” he explains.

“Different people have different experiences, and we’ll always try and dig in and understand their potential and what they can bring to the classroom.”

A holistic admissions process, Harvey explains, considering candidates’ leadership skills, industry profile, motivation and aspirations, and assessment techniques that can

capture nuance, are key to assessing academic potential.

According to Duerksen, specific techniques going beyond traditional academic metrics allow admissions teams to assess academic potential in candidates who don't have a record of academic performance or come from a non-conventional education background.

This includes assessment procedures such as comprehensive interviews and case-based assessments asking candidates to use their problem-solving and analytical skills to grapple with a real-world scenario.

To be as comprehensive as possible, Duerksen explains, admissions criteria should take into consideration not only prior learning, industry qualifications, and on-the-job learning, but also candidates' professional and personal achievements, including community impact.

"This broader approach enables institutions to tap into diverse talent pools and foster inclusion, which ultimately enriches the academic community. By focusing on potential and providing tailored support, the sector can ensure success for students from varied backgrounds," he says.

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Business Masters Specialisations

Masters in Management

1	HEC Paris	FR	51	Fundação Getulio Vargas	BR
2	Stanford Graduate School of Business	US	52	City University of Hong Kong	HK
3	ESSEC Business School	FR	52	Universidad Complutense de Madrid (UCM)	ES
4	London Business School	UK	54	Antwerp Management School	BE
5	MIT (Sloan)	US	54	KEDGE Business School	FR
6	INSEAD	FR	56	IIM Ahmedabad	IN
7	Yale School of Management	US	57	Universidad Carlos III de Madrid	ES
8	ESCP Business School	FR	58	EBS Business School	DE
9	IE Business School	ES	59	University of Bristol	UK
10	CEMS	FR	60	Texas A&M (Mays)	US
11	IESE Business School	ES	61	Solvay (Brussels)	BE
11	Northwestern (Kellogg)	US	62	Maryland (Smith)	US
13	SDA Bocconi School of Management	IT	63	Bath School of Management	UK
14	Copenhagen Business School	DK	64	Aalto University School of Business	FI
15	Imperial College Business School	UK	64	NEOMA Business School	FR
16	Esade Business School	ES	65	Leeds University Business School	UK
17	EM Lyon Business School	FR	65	Macquarie Business School, Macquarie University	AU
18	WU (Vienna University of Economics and Business)	AT	67	TBS Education	FR
19	Erasmus (RSM)	NL	68	Pace University (Lubin)	US
20	London School of Economics	UK	69	IESEG School of Management	FR
21	EDHEC Business School	FR	70	Lancaster University Management School	UK
22	Warwick Business School	UK	71	Deusto/Audencia/Bradford	ES
23	Michigan (Ross)	US	72	Northeastern (D'AmoreMcKim)	US
24	WHU (Otto Beisheim)	DE	72	Thammasat Business School	TH
25	Manchester (Alliance)	UK	74	UPF Barcelona School of Management	ES
26	Duke (Fuqua)	US	75	Arizona State (Carey)	US
27	University of Sydney Business School	AU	75	ESMT Berlin	DE
28	Peking University HSBC Business School	CN	77	Wits Business School	ZA
29	Mannheim Business School	DE	78	EAE Business School	ES
30	SKEMA Business School	FR	78	Wollongong (Sydney)	AU
31	TUM School of Management	DE	80	Florida (Warrington)	US
32	Indian Institute of Management Bangalore	IN	81	Birmingham Business School	UK
33	University of Edinburgh Business School	UK	82	Luis Business School	IT
34	Cranfield School of Management	UK	82	Notre Dame (Mendoza)	US
35	Vlerick Business School	BE	82	Thunderbird School of Global Management at ASU	US
36	Grenoble Ecole de Management	FR	85	TIAS School for Business and Society	NL
37	POLIMI School of Management	IT	86	HHL Leipzig Graduate School of Management	DE
38	BI Norwegian Business School	NO	87	Nottingham University Business School	UK
38	British Columbia (Sauder)	CA	88	Sheffield University Management School	UK
40	Audencia Business School	FR	90	Strathclyde Business School	UK
41	HKUST	HK	91	IQS/FJU/LMU	ES
42	Trinity Business School, Trinity College Dublin	IE	91	Shanghai Jiao Tong (Antai)	CN
43	Boston (Questrom)	US	93	Michigan State (Eli Broad)	US
44	Nova School of Business	PT	94	Católica Lisbon School of Business and Economics	PT
45	Frankfurt School of Finance & Management	DE	94	George Washington	US
46	UCD (Smurfit)	IE	96	ESIC Business & Marketing School	ES
47	EGADE Business School	MX	97	Lehigh University	US
48	IIM Calcutta	IN	98	Bayes Business School	UK
49	Western (Ivey)	CA	99	ISCTE-IUL	PT
50	Durham University Business School	UK	100	EHL Hospitality Business School	CH
			100	Henley Business School	UK

101-110	Aston Business School	UK	151+	ALBA Graduate Business School	GR
101-110	Babson College (Olin)	US	151+	American Institute of Applied Sciences in Switzerland	CH
101-110	Glasgow (Adam Smith)	UK	151+	AASMTM	EG
101-110	ICN Business School	FR	151+	BHMS Business & Hotel Management School	CH
101-110	Institut Mines-Télécom Business School	FR	151+	Brunel Business School	UK
101-110	NUCB Business School	JP	151+	Burgundy School of Business (BSB)	FR
101-110	SGH Warsaw School of Economics	PL	151+	Católica Porto Business School	PT
101-110	Université Paris Dauphine (PSL)	FR	151+	Clark University School of Business	US
101-110	University of Technology Sydney Business School	AU	151+	Connecticut (UCONN)	US
101-110	UT Dallas (Naveen)	US	151+	DCU Business School	IE
111-120	CENTRUM Católica Business School	PE	151+	Edinburgh Napier University (The Business School)	UK
111-120	EADA Business School	ES	151+	EMLV Business School	FR
111-120	Excelia Business School	FR	151+	ESC Clermont	FR
111-120	Indian Institute of Management Lucknow	IN	151+	ESCE – Ecole Supérieure de Commerce Extérieur	FR
111-120	Loughborough School of Business and Economics	UK	151+	ESDES Business School	FR
111-120	Newcastle University Business School	UK	151+	FIA Business School	BR
111-120	Prague University of Economics and Business	CZ	151+	GBSB Global Business School	ES
111-120	School of Economics and Management of the University of Minho	PT	151+	Gdańsk University of Technology	PL
111-120	School of Economics and Management, University of Porto (FEP)	PT	151+	Georgia State (Robinson)	US
111-120	Southampton Business School	UK	151+	Great Lakes Institute of Management Chennai	IN
111-120	Suliman S. Olayan School of Business at AUB	LB	151+	Indian Institute of Management (IIM) – Kozhikode	IN
121-130	Bologna University Business School	IT	151+	Indian Institute of Management Indore	IN
121-130	EM Normandie	FR	151+	Indian Institute of Management Udaipur	IN
121-130	Exeter Business School	UK	151+	Indian Institute of Management, Rohtak	IN
121-130	Haskayne School of Business	CA	151+	Inesdi Business Techschool	ES
121-130	HEC Montréal	CA	151+	INSEEC Grande Ecole	FR
121-130	Kent Business School	UK	151+	Institute Of Management Technology, Ghaziabad	IN
121-130	Koç University	TR	151+	International Management Institute - Delhi	IN
121-130	Wake Forest University	US	151+	International Management Institute- Bhubaneswar	IN
131-140	Chulalongkorn Business School	TH	151+	IQS Ramon Llull University	ES
131-140	Concordia (John Molson)	CA	151+	Kozminski International Business School	PL
131-140	EM Strasbourg	FR	151+	Kühne Logistics University	DE
131-140	Fairfield (Dolan)	US	151+	La Salle Universitat Ramon Llull	ES
131-140	Hitotsubashi University Business School	JP	151+	National Cheng Kung University	TW
131-140	Liverpool Management School	UK	151+	Ottawa (Telfer)	CA
131-140	Montpellier Business School	FR	151+	Pacifico Business School	PE
131-140	South Carolina (Moore)	US	151+	Paris School of Business	FR
131-140	The Hong Kong Polytechnic University	HK	151+	Queen Mary University of London (QMUL)	UK
131-140	The University of Sussex Business School	UK	151+	Queen's Business School	UK
141-150	Deusto Business School	ES	151+	Rabat Business School	MA
141-150	ESSCA	FR	151+	Rome Business School	IT
141-150	EU Business School	ES	151+	SolBridge International School of Business	KR
141-150	Fordham (Gabelli)	US	151+	Stevens Institute of Technology	US
141-150	ISC Paris	FR	151+	Suffolk (Sawyer)	US
141-150	Manchester Metropolitan University Business School	UK	151+	T A PAI Management Institute	IN
141-150	Nyenrode University	NL	151+	The University of Texas at Arlington	US
141-150	Rennes School of Business	FR	151+	United International Business Schools (UIBS)	NL
141-150	RIT (Saunders)	US	151+	Universidad San Ignacio del Loyola (USIL)	PE
141-150	S. P. Jain Institute Of Management And Research	IN	151+	University of Pecs	HU
141-150	Tilburg University	NL	151+	University of South Florida (Muma)	US
141-150	XLRi- Xavier School of Management	IN	151+	Victoria (Gustavson)	CA
			151+	Vilnius University	LT
			151+	Worcester Polytechnic Institute (Foisie)	US
			151+	Woxsen School of Business	IN

Masters in Finance

1	Oxford (Said)	UK	51	Audencia Business School	FR
2	HEC Paris	FR	52	Nova School of Business	PT
3	MIT (Sloan)	US	53	Solvay (Brussels)	BE
4	London Business School	UK	54	Wisconsin School of Business	US
5	Cambridge (Judge)	UK	55	Illinois (Gies)	US
6	UC Berkeley (Haas)	US	56	Cranfield School of Management	UK
7	ESSEC Business School	FR	57	Mitch Daniels School of Business (Purdue)	US
8	Yale School of Management	US	57	Texas A&M (Mays)	US
9	London School of Economics	UK	59	Lund University	SE
10	UCLA (Anderson)	US	60	Durham University Business School	UK
11	SDA Bocconi School of Management	IT	60	Minnesota (Carlson)	US
12	NYU (Stern)	US	62	Grenoble Ecole de Management	FR
13	Columbia Business School	US	63	Washington (Olin)	US
14	Imperial College Business School	UK	64	Maryland (Smith)	US
15	ESCP Business School	FR	65	Lancaster University Management School	UK
16	IE Business School	ES	66	American (Kogod)	US
17	Copenhagen Business School	DK	67	SGH Warsaw School of Economics	PL
18	Toronto (Rotman)	CA	68	Emory (Goizueta)	US
19	EM Lyon Business School	FR	69	NEOMA Business School	FR
20	WU (Vienna University of Economics and Business)	AT	69	Ohio State (Fisher)	US
21	Warwick Business School	UK	69	POLIMI School of Management	IT
22	Esade Business School	ES	71	Arizona (Eller)	US
23	University of St.Gallen	CH	71	Miami (Herbert)	US
24	McGill (Desautels)	CA	73	Antwerp Management School	BE
25	EDHEC Business School	FR	74	EBS Business School	DE
26	Erasmus (RSM)	NL	75	Colorado Boulder (Leeds)	US
27	Manchester (Alliance)	UK	75	IESEG School of Management	FR
28	WHU (Otto Beisheim)	DE	77	Bayes Business School	UK
29	SMU (Lee Kong Chian)	SG	78	TBS Education	FR
30	Peking University HSBC Business School	CN	79	Florida International University College of Business	US
31	Leeds University Business School	UK	79	INCAE Business School	CR
32	Texas (McCombs)	US	79	Wollongong (Sydney)	AU
33	University of Edinburgh Business School	UK	82	Bath School of Management	UK
34	USC (Marshall)	US	83	Vanderbilt (Owen)	US
35	SKEMA Business School	FR	84	University of Technology Sydney Business School	AU
36	HKUST	HK	85	Henley Business School	UK
37	Boston (Questrom)	US	86	Babson College (Olin)	US
38	Florida (Warrington)	US	87	Arizona State (Carey)	US
39	Georgetown (McDonough)	US	87	George Washington	US
40	Macquarie Business School, Macquarie University	AU	89	Rochester (Simon)	US
41	EGADE Business School	MX	90	Birmingham Business School	UK
41	UQ Business School	AU	91	Nottingham University Business School	UK
43	CUHK Business School	HK	92	Glasgow (Adam Smith)	UK
44	Trinity Business School, Trinity College Dublin	IE	92	Pace University (Lubin)	US
45	Frankfurt School of Finance & Management	DE	94	Boston College (Carroll)	US
46	City University of Hong Kong	HK	95	Sulman S. Olayan School of Business at AUB	LB
46	Georgia Tech (Scheller)	US	96	Case Western (Weatherhead)	US
48	UCD (Smurfit)	IE	96	UT Dallas (Naveen)	US
49	Vlerick Business School	BE	99	Loughborough School of Business and Economics	UK
50	BI Norwegian Business School	NO	99	Sheffield University Management School	UK

101-110	Alberta School of Business	CA	151+	Alabama (Manderson)	US
101-110	Exeter Business School	UK	151+	ALBA Graduate Business School	GR
101-110	HEC Montréal	CA	151+	Bentley (McCallum)	US
101-110	ICN Business School	FR	151+	Brandeis International Business School	US
101-110	KEDGE Business School	FR	151+	Católica Porto Business School	PT
101-110	Koç University	TR	151+	Chulalongkorn Business School	TH
101-110	Luiss Business School	IT	151+	Claremont (Drucker)	US
101-110	Shanghai Advanced Institute of Finance at SJTU	CN	151+	Clark University School of Business	US
101-110	SMU (Cox)	US	151+	College of Business and Economics, Qassim University	SA
101-110	University of Bristol	UK	151+	Deusto Business School	ES
111-120	Aston Business School	UK	151+	Drexel (LeBow)	US
111-120	Colorado State University - College of Business	US	151+	East China University of Science and Technology	CN
111-120	EAE Business School	ES	151+	Edinburgh Napier University (The Business School)	UK
111-120	Fordham (Gabelli)	US	151+	ESAN Graduate School of Business	PE
111-120	Newcastle University Business School	UK	151+	ESC Clermont	FR
111-120	Queen Mary University of London (QMUL)	UK	151+	ESIC Business & Marketing School	ES
111-120	Rensselaer Polytechnic (Lally)	US	151+	EU Business School	ES
111-120	Strathclyde Business School	UK	151+	Fairfield (Dolan)	US
111-120	Syracuse (Whitman)	US	151+	GBSB Global Business School	ES
111-120	Thammasat Business School	TH	151+	Goethe Business School	DE
121-130	Athens University of Economics and Business	GR	151+	Griffith Business School	AU
121-130	CENTRUM Católica Business School	PE	151+	GROUPE ISCAE	MA
121-130	Cincinnati (Lindner)	US	151+	Hofstra (Zarb)	US
121-130	DCU Business School	IE	151+	Hong Kong Baptist University	HK
121-130	EADA Business School	ES	151+	IIT Stuart School of Business	US
121-130	Excellia Business School	FR	151+	Indian Institute of Management (IIM) - Kozhikode	IN
121-130	McMaster (DeGroot)	CA	151+	Inesdi Business Techschool	ES
121-130	The Hong Kong Polytechnic University	HK	151+	Institute Of Management Technology, Ghaziabad	IN
121-130	University of Illinois at Chicago (UIC)	US	151+	International Management Institute - Delhi	IN
121-130	UPF Barcelona School of Management	ES	151+	Iowa (Tippie)	US
121-130	Waseda Business School	JP	151+	ISCTE Business School	PT
131-140	Católica Lisbon School of Business and Economics	PT	151+	Jagdish Sheth School of Management (JAGSoM)	IN
131-140	Georgia State (Robinson)	US	151+	Kentucky (Gatton)	US
131-140	Kent Business School	UK	151+	Kozminski International Business School	PL
131-140	La Trobe Business School	AU	151+	Liverpool Management School	UK
131-140	Oregon (Lundquist)	US	151+	Loyola University of Chicago (Quinlan)	US
131-140	San Diego (Knauss)	US	151+	Manchester Metropolitan University Business School	UK
131-140	School of Economics and Management, University of Porto (FEP)	PT	151+	Massey Business School	NZ
131-140	The American University in Cairo	EG	151+	Mediterranean School of Business- MSB	TN
131-140	UC San Diego (Rady)	US	151+	MIB Trieste School of Management	IT
141-150	Bologna University Business School	IT	151+	National Cheng Kung University	TW
141-150	Concordia (John Molson)	CA	151+	Ozyegin University, Graduate School of Business	TR
141-150	Connecticut (UCONN)	US	151+	Pacifico Business School	PE
141-150	Manitoba (Asper)	CA	151+	Pittsburgh (Katz)	US
141-150	Montpellier Business School	FR	151+	Prague University of Economics and Business	CZ
141-150	RMIT University School of Business and Law	AU	151+	Queen's Business School	UK
141-150	Sabancı Business School	TR	151+	Rabat Business School	MA
141-150	The University of Sussex Business School	UK	151+	Rennes School of Business	FR
141-150	The University of Texas at Arlington	US	151+	RIT (Saunders)	US
141-150	Utah (Eccles)	US	151+	Rome Business School	IT
			151+	Rowan University	US

151+	Saint Mary's (Sobey)	CA
151+	San Francisco (Masagung)	US
151+	School of Economics and Management of the University of Minho	PT
151+	Simon Fraser (Beedie)	CA
151+	Suffolk (Sawyer)	US
151+	Tampa (Sykes)	US
151+	Tilburg University	NL
151+	Tulsa (Collins)	US
151+	UMass Boston	US
151+	United International Business Schools (UIBS)	NL
151+	Universidad EAFIT	CO
151+	Universidad ORT Uruguay	UY
151+	University of California (Riverside)	US
151+	University of Limerick (UL)	IE
151+	University of Massachusetts (Dartmouth)	US
151+	University of Pecs	HU
151+	University of South Florida (Muma)	US
151+	Vilnius University	LT
151+	West Caspian University	AZ
151+	West Texas A&M University	US
151+	Woxsen School of Business	IN

Masters in Business Analytics		
1	MIT (Sloan)	US
2	UCLA (Anderson)	US
3	Ecole Polytechnique/HEC Paris	FR
3	ESSEC/CentraleSupélec	FR
5	London Business School	UK
6	Columbia Business School	US
7	Duke (Fuqua)	US
8	Imperial College Business School	UK
9	ESCP Business School	FR
10	IE Business School	ES
11	Carnegie Mellon (Tepper)	US
11	NUS Business School - National University of Singapore (NUS)	SG
12	Texas (McCombs)	US
14	USC (Marshall)	US
15	Melbourne Business School	AU
16	Toronto (Rotman)	CA
17	Warwick Business School	UK
18	McGill (Desautels)	CA
19	Erasmus (RSM)	NL
20	Manchester (Alliance)	UK
21	Washington (Foster)	US
22	Esade Business School	ES
23	Mitch Daniels School of Business (Purdue)	US
24	SMU (School of Computing and Information Systems)	SG
25	University of Edinburgh Business School	UK
26	Minnesota (Carlson)	US
27	Boston (Questrom)	US
28	EDHEC Business School	FR
29	EM Lyon Business School	FR
30	Texas A&M (Mays)	US
31	British Columbia (Sauder)	CA
32	Wisconsin School of Business	US
33	Trinity Business School, Trinity College Dublin	IE
34	Michigan State (Eli Broad)	US
35	UC San Diego (Rady)	US
36	The Chinese University of Hong Kong, Shenzhen	CN
37	UC Davis	US
38	EGADE Business School	MX
39	Emory (Goizueta)	US
40	American (Kogod)	US
40	George Washington	US
42	Mannheim Business School	DE
43	Arizona State (Carey)	US
44	UCD (Smurfit)	IE
45	Maryland (Smith)	US
46	POLIMI School of Management	IT
47	Florida International University College of Business	US
48	Miami (Herbert)	US
49	BI Norwegian Business School	NO
50	Notre Dame (Mendoza)	US
50	UC Irvine (Merage)	US

51-60	City University of Hong Kong	HK	101+	Asian Institute of Management	PH
51-60	Colorado Boulder (Leeds)	US	101+	Athens University of Economics and Business	GR
51-60	Durham University Business School	UK	101+	Bentley (McCallum)	US
51-60	Frankfurt School of Finance & Management	DE	101+	Bologna University Business School	IT
51-60	Georgia (Terry)	US	101+	Brandeis International Business School	US
51-60	Leeds University Business School	UK	101+	Brunel Business School	UK
51-60	Rochester (Simon)	US	101+	Cal Poly (Orfalea)	US
51-60	SGH Warsaw School of Economics	PL	101+	Católica Lisbon School of Business and Economics	PT
51-60	SKEMA Business School	FR	101+	CENTRUM Catolica Business School	PE
61-70	Arizona (Eller)	US	101+	Clark University School of Business	US
61-70	Bath School of Management	UK	101+	Cork University Business School	IE
61-70	Fordham (Gabelli)	US	101+	EADA - Escuela de Alta Dirección y Administración	ES
61-70	Glasgow (Adam Smith)	UK	101+	EMLV Business School	FR
61-70	IIM Calcutta	IN	101+	ESC Clermont	FR
61-70	Macquarie Business School, Macquarie University	AU	101+	ESiC Business & Marketing School	ES
61-70	Nova School of Business	PT	101+	Exeter Business School	UK
61-70	SMU (Cox)	US	101+	Fairfield (Dolan)	US
61-70	UT Dallas (Naveen)	US	101+	HEC Montréal	CA
61-70	Washington (Olin)	US	101+	Hofstra (Zarb)	US
71-80	Case Western (Weatherhead)	US	101+	Hult International Business School	US
71-80	IESEG School of Management	FR	101+	Inesdi Business Techschool	ES
71-80	KFUPM Business School	SA	101+	Iowa (Tippie)	US
71-80	Lancaster University Management School	UK	101+	ISCTE Business School	PT
71-80	Lehigh University	US	101+	ISDI - Digital Business School	ES
71-80	Nottingham University Business School	UK	101+	Jagdish Sheth School of Management (JAGSoM)	IN
71-80	Suliman S. Olayan School of Business at AUB	LB	101+	Kent Business School	UK
71-80	Syracuse (Whitman)	US	101+	Kent State University (Crawford)	US
71-80	University of Illinois at Chicago (UIC)	US	101+	La Trobe Business School	AU
71-80	Zhejiang University	CN	101+	Loughborough School of Business and Economics	UK
81-90	Bayes Business School	UK	101+	Manchester Metropolitan University Business School	UK
81-90	Drexel (LeBow)	US	101+	Massey Business School	NZ
81-90	Georgia State (Robinson)	US	101+	Mediterranean School of Business- MSB	TN
81-90	Liverpool Management School	UK	101+	Montpellier Business School	FR
81-90	Pace University (Lubin)	US	101+	National Cheng Kung University	TW
81-90	Rensselaer Polytechnic (Lally)	US	101+	NUI Galway	IE
81-90	TBS Education	FR	101+	Oklahoma (Price)	US
81-90	Wake Forest University	US	101+	Pacifico Business School	PE
81-90	William & Mary (Mason)	US	101+	Queen Mary University of London (QMUL)	UK
81-90	Wollongong (Sydney)	AU	101+	Queen's University of Belfast	UK
91-100	Alabama (Manderson)	US	101+	Rennes School of Business	FR
91-100	Aston Business School	UK	101+	RIT (Saunders)	US
91-100	Cincinnati (Lindner)	US	101+	Rome Business School	IT
91-100	Connecticut (UCONN)	US	101+	Sabanci Business School	TR
91-100	EAE Business School	ES	101+	San Diego (Knauss)	US
91-100	INCAE Business School	CR	101+	School of Economics and Management, University of Porto (FEP)	PT
91-100	Luiss Business School	IT	101+	SolBridge International School of Business	KR
91-100	Southampton Business School	UK	101+	Stevens Institute of Technology	US
91-100	The State University of New Jersey	US	101+	Strathclyde Business School	UK
91-100	Vlerick Business School	BE	101+	Suffolk (Sawyer)	US

101+	Tampa (Sykes)	US
101+	The Hong Kong Polytechnic University	HK
101+	The University of Texas at Arlington	US
101+	Tilburg University	NL
101+	UMass Boston	US
101+	Universidad ORT Uruguay	UY
101+	University of Bristol	UK
101+	University of California (Riverside)	US
101+	University of Louisville	US
101+	University of South Florida (Muma)	US
101+	Utah (Eccles)	US
101+	West Texas A&M University	US
101+	Worcester Polytechnic Institute (Foisie)	US
101+	Woxsen School of Business	IN
101+	Xi'an Jiaotong Liverpool University	CN

Masters in Marketing

1	HEC Paris	FR
2	ESSEC Business School	FR
3	IE Business School	ES
4	ESCP Business School	FR
5	Columbia Business School	US
6	Imperial College Business School	UK
7	Warwick Business School	UK
8	EMLyon Business School	FR
9	Esade Business School	ES
10	EDHEC Business School	FR
11	Manchester (Alliance)	UK
12	WU (Vienna University of Economics and Business)	AT
13	Texas (McCombs)	US
14	University of St.Gallen	CH
15	USC (Marshall)	US
16	University of Edinburgh Business School	UK
17	SKEMA Business School	FR
18	Erasmus (RSM)	NL
19	Audencia Business School	FR
20	Minnesota (Carlson)	US
21	Trinity Business School, Trinity College Dublin	IE
22	Cranfield School of Management	UK
23	Vlerick Business School	BE
24	Grenoble Ecole de Management	FR
25	Leeds University Business School	UK
25	Macquarie Business School, Macquarie University	AU
27	Mitch Daniels School of Business (Purdue)	US
28	Michigan State (Eli Broad)	US
29	BI Norwegian Business School	NO
30	John Hopkins (Carey)	US
31	UCD (Smurfit)	IE
32	POLIMI School of Management	IT
33	Georgia (Terry)	US
34	City University of Hong Kong	HK
35	Durham University Business School	UK
36	Texas A&M (Mays)	US
37	INCAE Business School	CR
38	Florida International University College of Business	US
39	York (Schulich)	CA
40	Pace University (Lubin)	US
41	Lancaster University Management School	UK
42	Bath School of Management	UK
43	IESEG School of Management	FR
44	Bayes Business School	UK
45	American (Kogod)	US
45	Aston Business School	UK
47	KEDGE Business School	FR
47	Strathclyde Business School	UK
49	TBS Education	FR
50	Birmingham Business School	UK

51-60	EAE Business School	ES	101+	ALBA Graduate Business School	GR
51-60	ESIC Business & Marketing School	ES	101+	Bentley (McCallum)	US
51-60	Exeter Business School	UK	101+	Brunel Business School	UK
51-60	Glasgow (Adam Smith)	UK	101+	Católica Lisbon School of Business and Economics	PT
51-60	Liverpool Management School	UK	101+	Católica Porto Business School	PT
51-60	Lund University	SE	101+	Chulalongkorn Business School	TH
51-60	Maryland (Smith)	US	101+	Clark University School of Business	US
51-60	Nottingham University Business School	UK	101+	Edinburgh Napier University (The Business School)	UK
51-60	Sheffield University Management School	UK	101+	ESAN Graduate School of Business	PE
51-60	Universidad Carlos III de Madrid	ES	101+	ESC Clermont	FR
51-60	University of Technology Sydney Business School	AU	101+	Fairfield (Dolan)	US
61-70	Arizona (Eller)	US	101+	GBSB Global Business School	ES
61-70	Cincinnati (Lindner)	US	101+	Hofstra (Zarb)	US
61-70	ICN Business School	FR	101+	Hult International Business School	US
61-70	La Trobe Business School	AU	101+	Inesdi Business Techschool	ES
61-70	Newcastle University Business School	UK	101+	Institute Of Management Technology, Ghaziabad	IN
61-70	Rochester (Simon)	US	101+	IQS Ramon Llull University	ES
61-70	UT Dallas (Naveen)	US	101+	ISCTE Business School	PT
61-70	Vanderbilt (Owen)	US	101+	ISDI - Digital Business School	ES
61-70	Wollongong (Sydney)	AU	101+	Jagdish Sheth School of Management (JAGSoM)	IN
71-80	Alabama (Manderson)	US	101+	Manchester Metropolitan University Business School	UK
71-80	Concordia (John Molson)	CA	101+	Pacífico Business School	PE
71-80	DCU Business School	IE	101+	Queen Mary University of London (QMUL)	UK
71-80	EADA - Escuela de Alta Dirección y Administración	ES	101+	Queen's University of Belfast	UK
71-80	Loughborough School of Business and Economics	UK	101+	Rabat Business School	MA
71-80	Loyola University of Chicago (Quinlan)	US	101+	Rome Business School	IT
71-80	Montpellier Business School	FR	101+	School of Economics and Management of the University of Minho	PT
71-80	Pittsburgh (Katz)	US	101+	Suffolk (Sawyer)	US
71-80	Syracuse (Whitman)	US	101+	Tampa (Sykes)	US
71-80	University of Illinois at Chicago (UIC)	US	101+	Thammasat Business School	TH
71-80	UPF Barcelona School of Management	ES	101+	Tilburg University	NL
81-90	Athens University of Economics and Business	GR	101+	United International Business Schools (UIBS)	NL
81-90	Bologna University Business School	IT	101+	Universidad EAFIT	CO
81-90	EU Business School	ES	101+	Universidad Icesi	CO
81-90	Excelia Business School	FR	101+	Universidad San Ignacio del Loyola (USIL)	PE
81-90	Fordham (Gabelli)	US	101+	University of Pecs	HU
81-90	HEC Montréal	CA	101+	University of South Florida (Muma)	US
81-90	Kent Business School	UK	101+	Vilnius University	LT
81-90	Universidad ORT Uruguay	UY	101+	Worcester Polytechnic Institute (Foiese)	US
81-90	University of Bristol	UK			
91-100	CENTRUM Católica Business School	PE			
91-100	Georgia State (Robinson)	US			
91-100	Mediterranean School of Business- MSB	TN			
91-100	National University of Ireland, Galway	IE			
91-100	Rennes School of Business	FR			
91-100	Sabancı Business School	TR			
91-100	School of Economics and Management, University of Porto (FEP)	PT			
91-100	Southampton Business School	UK			
91-100	The Hong Kong Polytechnic University	HK			
91-100	The University of Sussex Business School	UK			
91-100	The University of Texas at Arlington	US			

Masters in Supply Chain Management

1	Michigan (Ross)	US	51+	Brunel Business School	UK
2	WU (Vienna University of Economics and Business)	AT	51+	CENTRUM Católica Business School	PE
3	Erasmus (RSM)	NL	51+	Concordia (John Molson)	CA
4	EM Lyon Business School	FR	51+	EADA - Escuela de Alta Dirección y Administración	ES
5	USC (Marshall)	US	51+	Edinburgh Napier University (The Business School)	UK
6	Manchester (Alliance)	UK	51+	EMLV Business School	FR
7	POLIMI School of Management	IT	51+	ESAN Graduate School of Business	PE
8	Trinity Business School, Trinity College Dublin	IE	51+	ESC Clermont	FR
9	Washington (Foster)	US	51+	GBSB Global Business School	ES
10	HKUST	HK	51+	Graduate School, Chulalongkorn University	TH
11	City University of Hong Kong	HK	51+	ICN Business School	FR
12	Cranfield School of Management	UK	51+	Indian Institute of Management Udaipur	IN
13	Lancaster University Management School	UK	51+	International University of Japan	JP
14	UCD (Smurfit)	IE	51+	ISCTE Business School	PT
15	Mitch Daniels School of Business (Purdue)	US	51+	Kent Business School	UK
16	SKEMA Business School	FR	51+	Kühne Logistics University	DE
17	York (Schulich)	CA	51+	Manchester Metropolitan University Business School	UK
18	Minnesota (Carlson)	US	51+	Mediterranean School of Business- MSB	TN
19	Audencia Business School	FR	51+	Montpellier Business School	FR
20	Wisconsin School of Business	US	51+	National Cheng Kung University	TW
21	Durham University Business School	UK	51+	Pacifico Business School	PE
21	Florida International University College of Business	US	51+	Rabat Business School	MA
23	KFUPM Business School	SA	51+	Rennes School of Business	FR
24	DCU Business School	IE	51+	RIT (Saunders)	US
25	TBS Education	FR	51+	Rome Business School	IT
26	Arizona State (Carey)	US	51+	Sheffield University Management School	UK
27	Antwerp Management School	BE	51+	Southampton Business School	UK
28	Maryland (Smith)	US	51+	The Hong Kong Polytechnic University	HK
29	Northeastern (D'AmoreMcKim)	US	51+	The State University of New Jersey	US
30	University of Technology Sydney Business School	AU	51+	The University of Sussex Business School	UK
31	Newcastle University Business School	UK	51+	Tilburg University	NL
32	UT Dallas (Naveen)	US	51+	United International Business Schools (UIBS)	NL
33	Colorado Boulder (Leeds)	US	51+	University of South Florida (Muma)	US
34	Bayes Business School	UK	51+	Worcester Polytechnic Institute (Foisie)	US
35	HEC Montréal	CA	51+	Xi'an Jiaotong Liverpool University	CN
36	EAE Business School	ES			
37	Case Western (Weatherhead)	US			
37	Washington (Olin)	US			
39	Bologna University Business School	IT			
40	Wollongong (Sydney)	AU			
41	Universidad Complutense de Madrid (UCM)	ES			
42	San Diego (Knauss)	US			
43	Alabama (Manderson)	US			
44	Rensselaer Polytechnic (Lally)	US			
45	University of Bristol	UK			
46	Excellia Business School	FR			
47	ESIC Business & Marketing School	ES			
48	Nottingham University Business School	UK			
49	KEDGE Business School	FR			
50	Aston Business School	UK			

When Spirituality & Business Collide

By Chloë Lane

Sister Laura Baritz, affectionally known as ‘Sister Pepsi’, is a Dominican nun who left a leading position with global food and beverages company PepsiCo to embrace religion.

She now teaches the Christian Social Principles in Economics (KETEG) course which she co-founded at Corvinus University of Budapest in Hungary. The course uses the Church’s Social Teaching (CST) principles to inject a “more logical, more human-centred and more viable” approach to economics, according to Sister Laura.

Sister Laura explains that Christian Social Teaching envisions an economic order built on moral principles, human dignity, cooperation, solidarity, subsidiarity, justice and the common good—where profit serves as a means to create value rather than the ultimate goal.

“This way of thinking attracted me, giving more meaning to economics than I had before,” she tells *QS Insights Magazine*.

Teachings from the Convent

Sister Laura’s course exemplifies the growing trend of integrating spirituality into business education. A 2024 study published in the *Journal of Business Ethics* by Soledad Moya, a senior lecturer at Spain’s ESADE, and Nuria Toledano, an Associate Professor at University of Huelva also in Spain, reviewed literature from 1996 to 2023 to explore how religion and spirituality have been integrated into business, management and entrepreneurship (BME) education.

Analysing 51 articles, they found that incorporating religious and spiritual wisdom can enrich discussions in BME courses, especially in the context of business ethics. Similarly, religious teachings can emphasise principles such as integrity, responsibility and compassion, helping to shape more socially responsible leaders.

While the consideration of religion and spirituality in BME education has become part of educational practices in some universities and business schools, the researchers note that as a field of research, it is still at an emerging stage.

“For some,” write the researchers, “there is no doubt that religion and spirituality have a space in a more humanistic BME formation. For others, however, this issue remains controversial, especially in multi-faith environments in which BME education is provided, such as most public universities in the West”.

The researchers attribute this scepticism to institutional and ideological barriers – business education often prioritises rationality and profit maximisation at the expense of religious principles.

For Sister Laura, however, these barriers are simply challenges to overcome. She views her course as a way to offer students a broader and more meaningful approach to economics—one that aligns with the deeper moral dimensions of human behaviour.

“The principles we teach on courses can be acceptable for atheists or non-believers because they speak of the social, economic, political life of the human community that is more sustainable than the one today,” says Sister Laura.

In her teaching, Sister Laura offers students a grounding in theology to help them better understand the spiritual side of economics. She discusses values, virtues, ethical



issues and moral principles, often debating the meaning and notion of ‘good’, and philosophical ideas. Her aim is to teach CST-based economics on a human level, integrating the spiritual principles into business education that are relevant to all students, whether they are religious or non-religious.

Speaking about religious principles implicitly is one way to overcome scepticism, Sister Laura reveals. She finds profit is a good tool to speak about economics in relation to CST. “For example, cooperation brings more fruit than dog-eat-dog competition,” she says.

Philosophy, too, is often referenced in the KETEG course. “Sometimes philosophical groundings precede theological ones and give preliminary impulse to theology,” she reveals, naming Aristotle as a non-religious philosopher whose beliefs helped to ground religious principles.

In some occasions, however, ‘God’ and ‘Christ’ must be talked about. “On these occasions, I begin with ‘According to the Christian teaching’ showing that I do not expect it from the audience that they must think the same way,” Sister Laura explains.

The KETEG course has been well received by the students at Corvinus University. According to Sister Laura, students have been open and engaged, asking logical and profound questions. “The level of ethics brings them rather to a common understanding, but to speak about moral theology is interesting to them too,” she notes.

“I read and hear that there is a renewal of spirituality in economics, not only Catholic, but many other religions as well,” says Sister Laura. “CST has an upward tendency as many CST economists are listened to in the public and are influential people.”

Understanding spirituality in a business context

There are many ways spirituality can be defined, particularly when it’s applied in a business context. Professor Himanshu Rai, Director at IIM Indore in India, defines spirituality as “the development of one’s conscience through understanding one’s own self, one’s purpose in life, and one’s relation with the universe around oneself, and by extension one’s obligations”.

In a business context, this means integrating the principles of mind, body and soul into leadership and organisational practices, he explains. It’s about focusing on inner balance, ethical decision-making, and having a sense of purpose – for self, for the team, and for the organisation as a whole.

At IIM Indore, spirituality is practiced inside and outside the classroom. The institute goes beyond traditional management education by offering courses on yoga, well-being and stress management, teaching students how to stay grounded and make thoughtful decisions, even in high-pressure environments.

The campus also provides spaces and gardens that encourage reflection and introspection. These serene environments encourage students to pause and connect with themselves amidst rigorous academic schedules, Professor Rai explains.

“This holistic approach ensures that IIM Indore graduates and programme participants are prepared to lead with clarity, empathy, and a sense of purpose, no matter where they come from or where they go,” he reveals.

In the classroom, inclusivity is encouraged and celebrated. Academics create open discussions, fostering a respectful environment where students can explore spirituality in their own way, finding meaning and application that resonate with their unique perspectives.

Spirituality must be framed as a universal concept focused on self-awareness and growth, not tied to specific beliefs, says Prof Rai. It's a philosophy for life, and the elements of spirituality should complement academic rigor. Integrating spirituality with leadership training highlights its relevance in real-world decision-making, fostering purpose-driven leaders.

"By weaving these elements into the curriculum, business schools can create holistic learning experiences that prepare students for the complexities of modern leadership," he says.

Connecting science and spirituality

Modern leadership is complex, requiring an expanding myriad of skills. Business schools are adapting to ensure that all aspects of management are covered in their teaching: which sometimes means leaning into spirituality.

POLIMI Graduate School of Management is an Italian business school focused on advancing scientific innovation. Yet, for the past five years, POLIMI has offered a multidisciplinary course called Spirituality and Management (SPEM) as part of its executive programmes.

Management education is often rooted in a highly rational and economic approach. However, Luciano Traquandi, Director of POLIMI's Executive Programme in Spirituality and Management, explains that this course is not just about balancing that focus but about enriching it—connecting leadership with a dimension that goes beyond science, technology, and economics.

"The value of spirituality lies not in compensating for its opposite—often rigid rationality—but in helping science and rational disciplines evolve and progress in their own domains," reveals Traquandi. This works both ways. "Individuals working in fields related to spirituality, such as theologians, will gain important insights and inspiration from their interaction with the organisational world," he says.

The evolving role of spirituality

Spirituality, much like business, has naturally evolved over time, but has always been integral to Netherland's Nyenrode Business University since its founding in 1946.

"When students encounter spirituality at Nyenrode, they are not engaging with something foreign but rather tapping into a legacy of holistic leadership development," reveals Dr Sharda S. Nandram, Professor of Business and Spirituality at Nyenrode Business University.

"Many respond with curiosity, some with scepticism, but ultimately, they find that this approach helps them cultivate self-awareness, resilience, and a broader vision of leadership," she adds.

While spirituality has historically been linked to religious traditions, Professor Dr Nandram believes its meaning has evolved, and is now understood in both secular and religious contexts. She says spirituality in business is about recognising the connection between what we perceive as reality and what lies beyond our current understanding.

This definition frames spirituality as a developable quality rather than an abstract concept. "Just as leaders cultivate strategic thinking or emotional intelligence, they can also develop spiritual awareness to enhance decision-making, resilience, and ethical leadership," she explains.

Leaders often focus solely on efficiency, processes, and immediate targets, particularly when under pressure to make quick decisions, causing them to lose sight of the

deeper meaning behind their actions, explains Professor Dr Nandram. Spirituality helps leaders step back, reflect, and align decisions with both immediate business needs and long-term ethical and sustainable objectives.

In her teaching, Professor Dr Nandram encourages self-awareness and new perspectives through introspective exercises, philosophical inquiry, and 'slow questions' that don't have definitive answers. These practices are complemented by techniques to refine perception, including meditation, nature walks, breathing exercises, and mantra recitations.

Professor Dr Nandram's teachings reflect a broader trend, with more organisations recognising the value of spirituality in leadership and workplace well-being. They are increasingly integrating spiritual principles to foster resilience, enhance creativity, and cultivate ethical decision-making among leaders.

"Spirituality is no longer seen as peripheral but as an essential component of modern business thinking. It is not a nice-to-have but a must-have field of knowledge," says Prof. Dr Nandram.

Challenging conventional thinking

What unites these diverse approaches to spirituality is the acknowledgement that spirituality is not an 'optional extra' in business education but instead an essential part of developing leaders with strong moral values.

Whether it's through Sister Laura's emphasis on Christian Social Teaching, Professor Dr Nandram's integration of spiritual awareness into business decisions, or Professor Rai's holistic view of leadership, what they have in common is a commitment to developing leaders who are conscious of the human, ethical and long-term impacts of their actions.

By incorporating spirituality into business education, these institutions are not only shaping more socially responsible leaders, but also challenging conventional thinking about the role of business in society. The convergence of business, religion and spirituality offers an opportunity to redefine what success looks like in the modern world—one where purpose and profit are intertwined.

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Faith & Finance

By Chloë Lane

The global Islamic finance industry is growing rapidly. By 2026, total Sharia-compliant assets are expected to grow from US\$3.9 trillion to US\$5.95 trillion, according to a recent State of Global Islamic Economy report.

Different from conventional banking, Islamic finance is a way of banking, lending and investing that follows Sharia, or Islamic law. Investors are prohibited from investing in companies that engage in 'forbidden' activities – such as those connected with alcohol, pork-related products, tobacco, gambling, or sale of arms, for example. It also bans interest on loans, viewing lending as a relationship that unfairly favours the lender.

Widely viewed as an alternative and ethical approach to banking, Islamic finance represents just one percent of global financial assets worldwide. Despite this, it's currently expanding much quicker than conventional finance with a compound annual growth rate of nine percent.

In the Western world, Islamic Finance is also experiencing a surge of interest among students. "Islamic finance has seen growing popularity and interest, particularly at the higher education levels, such as Advanced Master's programmes, Honours, and PhD research," says Dr Anas Iqtait, a Senior Lecturer in economics and political economy at the Australian National University's (ANU) Centre for Arab and Islamic Studies.

"The sector is expanding rapidly, particularly in the Asia-Pacific region and the Gulf, creating demand for professionals with specialised knowledge," he adds. This expansion, he says, is driven by both market expansion and regulatory developments.

Expanding Islamic finance career options

At ANU, students are offered several modules in Islamic finance, including Islamic Economics in Practice and Islamic Banking. Interestingly, most enrolments on these courses come from non-Muslim students, Dr Iqtait tells *QS Insights Magazine*.

"There is a growing number of students from diverse academic and professional backgrounds, not just those with prior exposure to Islamic studies or finance," he reveals. "Many are drawn by the expanding career opportunities in the field, particularly as Islamic finance gains mainstream recognition in Australia and global financial markets."

Islamic finance is also broadening its client base in Australia - not only to a growing Muslim population but also catering to non-Muslim clients interested in ethical finance and alternative financial models. This, Dr Iqtait believes, is making the study of Islamic finance even more attractive to students seeking to enhance their understanding and take advantage of the expanding career opportunities in the field.

As ethical investment and Sharia-compliant finance are becoming more mainstream, interest has surged among these students looking to broaden their expertise in ethical and alternative financial systems, as well as those considering careers in banking, asset management, fintech and regulatory sectors.

The growth of Islamic finance is evident even within conventional banking. "Conventional banks, investment firms, and fintech companies are now seeking profession-

als with knowledge of Islamic financial principles to tap into new markets and diversify their service offerings,” explains Dr Iqait.

In Germany, the Frankfurt School of Finance and Management attracts a diverse range of students to its Certified Expert in Islamic Microfinance course. “We have had students from around 20 countries,” says Dr Mohammed R. Kroessin, a lecturer on the course and Head of Islamic Relief’s Global Islamic Microfinance Unit.

Islamic microfinance is still a relatively young sector but is gaining significant traction, including support from UN agencies. Its appeal extends beyond the Muslim world, Dr Kroessin reveals, as profit-and-loss sharing offers stability during economic uncertainty and interest rate changes.

Financial exclusion remains high in the Muslim world, with many individuals avoiding interest-bearing loans for faith-based reasons. Frankfurt’s Islamic microfinance graduates play a key role in addressing this challenge, with many of them working in the development sector. Many come from government agencies such as central banks and finance ministries, as well as NGOs, UN agencies, and financial service providers, helping to expand ethical financial services.

The link between Islamic finance and sustainability

For students looking to study Islamic Finance in the UK, Durham University Business School is a popular option. The business school is home to the newly relaunched MSc in Islamic Finance, the PhD in Islamic Finance and the Durham Islamic Finance Summer School, as well as cutting-edge research in the field.

While Durham’s MSc in Islamic Finance has gained considerable popularity in South-east Asia, and recruitment is expanding throughout the Middle East, the programme’s students come from diverse national, ethnic, religious and regional backgrounds.

Initially, Malaysia students made up the majority of Durham’s Islamic Finance postgraduate programme in 2009. However, the student body diversified rapidly as the program expanded.

“Over the years, there has been noticeable interest in Islamic finance among non-Muslim students and individuals. We appreciate having non-Muslim students in each cohort,” says Professor Mehmet Asutay, Professor of Middle Eastern and Islamic Political Economy & Finance at Durham University Business School.

The new MSc Islamic Finance programme enhances its focus on sustainable development, climate risk and fintech, alongside a more concentrated emphasis on social governance and resource accessibility. It explores Islamic social financing in relation to global crises and the support mechanism and instruments Islamic finance can offer. Other global priorities, such as sustainable development and climate risk, are also addressed through an Islamic Finance lens.

“Considering that global realities have shifted to address sustainable development, it is essential that social and, hence, Islamic governance be included in any Islamic finance programme,” states Profesor Asutay.

He adds that given the global emphasis on sustainable development, graduates of this programme will be able to secure positions in Islamic social finance institutions and sustainable development projects within multilateral organisations.

The draw of business ethics

Sustainability is a strong draw for students in 2025, reveals Cédomir Nestorovic, Professor of Geopolitics and Academic Co-director of the ESSEC Institute for Geopolitics & Business at ESSEC Business School.

“For business ethics, there is a strong interest especially when we talk about sustainability. This is because, in Islam, people are not owners of nature, they are stewards whose role is to preserve and regenerate nature rather than destroy it,” he tells *QS Insights Magazine*. “In that sense, Islam has an interesting contribution to business ethics.”

In Islam, stewardship is a core principle, governing all aspects of life including agriculture and finance. Within Islamic Finance, sustainability and ESG encompass both environmental and social responsibility. This means addressing physical needs like environmental and climate control, or access to clean water or food, as well as promoting responsible consumption and reduced inequalities.

Similarly, social justice is at the heart of Islamic finance. All deriving concepts such as hoarding and speculation are banned. It is also at the heart of the third pillar of Islam, zakat, or almsgiving, where a part of income must be distributed to the less fortunate, Professor Nestorovic explains.

At ESSEC Business School, students have several options available to them. At the Asia-Pacific campus, Islamic finance is taught as a compulsory course in the Master of Finance programme. If they want to explore Islamic finance from a legal point of view, they can do so in the Master’s in International Business Law and Marketing. An Islamic marketing point of view can also be discovered in the Master in Strategy & Management of International Business and the Global BBA.

“Students on these courses come from all backgrounds. Some of them want to explore opportunities to work in Islamic finance and for some of them it is only a discovery of another way to do business,” says Professor Nestorovic.

Overall, students find Islamic Finance interesting because it operates in a diverse environment. Politically, some countries prohibit Islamic finance, while others make it compulsory, he reveals.

Will this trend continue?

Students globally, including those from non-Muslim backgrounds, are increasingly engaging with Islamic finance education, driven by an interest in ethical and sustainable finance, as well as the growth of career opportunities in this field.

According to Statista, Indonesia is still the number one provider of Islamic finance programmes in the world with 347 institutions. However, the UK is also listed ranking third on the list, joined too by the US and Türkiye.

This trend looks set to continue growing. The inclusion of Islamic Finance courses in Western higher education curricula has become more common and is perhaps a reflection of a desire for students to diversify their expertise as well as the growth of online learning, which has made Islamic finance more accessible than ever before.

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International Trade

Rust Belt & Unis

By Seb Murray

The decline of steel, cars and coal has left deep scars on rust belt states across America, once-thriving manufacturing hubs that span the industrial Midwest and north-east. States like Michigan, Indiana, Illinois and Minnesota are now grappling with idling plants, layoffs and financial losses.

That has spurred efforts to transition former manufacturing hubs into vibrant knowledge economies. And universities have played pivotal roles in driving economic transformation in rust-belt regions, not just in the US but around the globe.

Examples abound, from Deakin University in Geelong, Australia, to the universities of Sheffield, Manchester and Leeds in Britain's northern reaches. These universities have embarked on ambitious initiatives to diversify rust belt economies, foster innovation and equip left-behind communities with the skills needed for the knowledge-driven era.

Perhaps nowhere is this truer than in the US, the world's largest economy. According to the Brookings Institution, a think-tank, rust belt universities create an outsized share of America's research talent.

Despite comprising only 31 percent of the nation's population, those states produce 33 percent of STEM graduates and 32 percent of higher-education degrees awarded overall. This underlines the rust belt's important role in shaping America's knowledge economy.

Moreover, the region's universities serve as hubs of research and innovation, driving technological advancements and the commercialisation of academic thinking that help fuel economic growth.

A prime example is Carnegie Mellon University (CMU) in Pittsburgh, Pennsylvania. Pittsburgh is known as Steel City, but in recent years, it has seen a burst of activity in robotics, artificial intelligence, advanced manufacturing and climate technology. Powering that revolution is talent, and much of it comes out of CMU, with its world-renowned computer science and robotics programmes.

Through partnerships, CMU has helped to diversify the city's economy and create new opportunities in high-tech areas. CMU's Robotics Institute, founded in 1979, has attracted top talent and also research funding, leading to the development of cutting-edge technologies like autonomous vehicles and the creation of numerous spin-off companies.

CMU has spawned companies like RE2 Robotics, which creates robot-arms for safely dismantling explosives, as well as Bossa Nova, whose scanning-inventory robots are used across America including in Walmart stores.

These companies, in turn, have helped to revitalise the Pittsburgh economy and create high-paying jobs. "The transformation of the city by new, young people working in AI and robotics has been spectacular," says Andrew Moore, former Dean of Computer Science at CMU.

What's more, CMU has collaborated with local government and industry partners to establish institutes, such as the Advanced Robotics for Manufacturing Institute which now operates as an independent non-profit and is developing artificial intelligence, 3D

printing and other emerging technologies.

Such academic efforts extend beyond the US. In Germany, collaborative initiatives between universities are translating cutting-edge research into real-world applications, creating new opportunities for economic development and job creation in former industrial heartlands.

The Ruhr Valley used to be a global powerhouse for coal and steel production. However, as the mining and manufacturing industries declined, the region faced economic and social challenges, such as unemployment and a loss of identity tied to its industrial heritage.

In response to these challenges, an ambitious effort led by three universities – Ruhr University Bochum, TU Dortmund University, and the University of Duisburg-Essen – has emerged, known as the Research Alliance Ruhr.

At its core is a substantial financial commitment of €75 million from the North Rhine-Westphalia government. This funding will fuel the establishment of four new interdisciplinary research centres focusing on key areas such as digitalisation and energy. Moreover, it will support the creation of 50 professorships and 500 research positions.

By leveraging the collective expertise of the three universities and tapping into their existing strengths, such as in materials science, the Research Alliance Ruhr seeks to drive regional development and innovation in Germany's own rust belt.

By positioning the Ruhr Valley as a hub for cutting-edge research and innovation, the three universities want to attract investment, create jobs and stimulate economic growth. "We're creating an attractive research environment that enables us to draw more top people from international science and research to the Ruhr area," says Martin Paul, Rector at Ruhr University Bochum.

Manfred Bayer, President of TU Dortmund University, says: "Here we contribute our respective strengths, harness synergies and offer the freedom for cross-disciplinary scientific collaboration."

This vision aligns with broader efforts to transition from a reliance on traditional industries to a knowledge-based economy, not just in the US and Germany but Australia too.

Down Under, universities are working with left-behind local communities to understand their needs and priorities, while fostering partnerships that promote inclusive economic development. By supporting small businesses and investing in community infrastructure, they are helping turn Australia's own rust-belt regions into vibrant, sustainable communities.

A case in point is Deakin University, which has played a key role in the transformation of Geelong's economy. Australia has suffered the decline of its iconic auto industry. And Geelong, a coastal city close to Melbourne, in Australia's industrial back-country, has been in the thick of it. The traditionally blue-collar city has had to diversify its economy.

One significant driver of the change has been education and research, with Deakin University spearheading initiatives like the Geelong Future Economy Precinct. Situated on a sprawling 325-hectare site in Waurn Ponds, this area has become a hub of research and innovation, particularly in advanced manufacturing, renewable energy and technology. In the six years since its inception, the precinct has created 2,000 jobs through partnerships with advanced manufacturers.

Collaborating with governments, industry and educational institutions, Deakin

also aims to pioneer a multi-billion dollar bioeconomy in Victoria, centred on clean energy, recycling and sustainable supply chains. The university is driving initiatives like the Recycling and Renewable Energy Commercialisation Hub (REACH) in Geelong, which aims to generate some \$1.4 billion in revenue and 2,500 jobs within the next decade or so.

“REACH will lead a sustainable manufacturing revolution, pushing the limits of technological innovation and driving solutions for a cleaner, greener future,” claims Iain Martin, Vice-Chancellor at Deakin University.

Deakin is also an example of how, by fostering entrepreneurship and innovation hubs, universities around the world are creating ecosystems conducive to the growth of knowledge-based industries such as technology, healthcare and renewable energy.

Through incubators, accelerators and technology transfer offices, universities are nurturing startups and spin-off companies, driving job creation and economic growth in rust-belt regions, including Geelong.

Deakin University has been ranked as the top university in Australia for equity held in start-up and spin-out companies. Between 2020 and 2022, it generated approximately AU\$520 million in commercialization value. The university ranks 10th in the number of such companies created, with many focused on recycling and clean energy. Its portfolio includes 18 joint ventures and other entities valued at around AU\$1 billion, known as “unicorns”. Notable companies include FLAIM, which invented a training tool for firefighters that simulates real emergencies at a lower cost.

On the other side of the world, another major initiative is underway to invest in spin-off companies and tech businesses linked to universities in rust-belt areas. Northern Gritstone, an investment company formed by the UK universities of Sheffield, Manchester and Leeds, aims to address the lack of science and tech investment in northern England’s former industrial heartlands that have suffered decline.

Northern Gritstone seeks to create businesses that will drive economic growth and generate well-paying jobs. It has backed companies like Opteran Technologies, which was spun out of Sheffield University, and Iceotope, which builds precision immersion cooling technology. These businesses have the potential to disrupt industries and create new markets, thereby catalysing broader economic transformation in the region.

However, the road to economic revival is not without its challenges. Rust-belt regions around the globe face entrenched structural issues, such as declining populations, ageing infrastructure and economic disinvestment, which pose significant barriers to any effort to revitalise left-behind areas.

Moreover, transitioning to a knowledge-based economy requires careful planning and coordination, with risks ranging from workforce displacement to gentrification and social inequality. Addressing these challenges goes far beyond the purview of universities and requires collaboration between academia, government and businesses.

Despite the challenges ahead, the potential rewards of university-led economic revitalisation are substantial. By leveraging their research capabilities, fostering innovation and collaborating with local governments and industries, universities are playing a central role in driving economic transformation in rust-belt regions worldwide. As these initiatives continue to unfold, they offer hope for a brighter future for communities left behind by the decline of traditional industries.

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1	Arizona State University	US	53	University of British Columbia	CA
2	University of Oxford	UK	54	Boston College	US
3	IMD	CH	55	EDHEC Business School	FR
4	The University of Warwick	UK	55	Manav Rachna International Institute of Research and Studies (MRIIRS)	IN
5	University of Glasgow	UK	57	Universidade Nova de Lisboa	PT
5	University of Leeds	UK	58	University College Dublin	IE
7	CEMS	FR	59	Sciences Po	FR
8	The University of Sydney	AU	60	The Chinese University of Hong Kong (CUHK)	HK
8	UPF Barcelona School of Management	ES	61	Queen's University at Kingston	CA
10	Tsinghua University	CN	62	University of Colorado, Denver	US
11	Columbia University	US	63	Indian Institute of Foreign Trade	IN
12	POLIMI School of Management	IT	64	Renmin (People's) University of China	CN
12	University of Reading	UK	65	Iowa State University	US
14	ESIC Business & Marketing School	ES	66	Leeds Beckett University	UK
15	University of Exeter	UK	67	Victoria University of Wellington	NZ
16	University of Nottingham	UK	68	S P Jain School of Global Management	SG
17	University of Michigan-Ann Arbor	US	68	University of Gothenburg	SE
18	Excellia Business School	FR	70	University of Geneva	CH
18	The University of Auckland	NZ	71	Gadjah Mada University	ID
20	The University of Manchester	UK	72	ESMT Berlin	DE
21	WHU - Otto Beisheim School of Management	DE	72	Tilburg University	NL
22	The University of Melbourne	AU	72	University of South Carolina	US
23	Northeastern University	US	75	Warsaw School of Economics (SGH)	PL
24	London Business School	UK	76	University of Zagreb	HR
25	Maastricht University	NL	77	KEDGE Business School	FR
26	The University of Hong Kong	HK	78	Grenoble Ecole de Management	FR
27	ENAE Business School	ES	79	TBS Education	FR
28	Australian National University (ANU)	AU	80	George Mason University	US
29	RMIT University	AU	81	Corvinus University of Budapest	HU
30	McGill University	CA	82	National Chengchi University	TW
31	Stockholm School of Economics	SE	83	Thammasat University	TH
32	Athens University of Economics and Business	GR	84	The Hang Seng University of Hong Kong	HK
33	University of Ljubljana	SI	85	Beijing Foreign Studies University	CN
34	University of Cologne	DE	86	London Metropolitan University	UK
35	University of North Carolina at Chapel Hill	US	87	Universidad ESAN	PE
36	University of Miami	US			
37	KU Leuven	BE			
38	Shanghai Jiao Tong University	CN			
39	The University of New South Wales (UNSW Sydney)	AU			
40	Universität Mannheim	DE			
41	City, University of London	UK			
42	Indian Institute of Management (IIM) - Ahmedabad	IN			
43	The University of Adelaide	AU			
44	EAE Business School	ES			
45	City University of Hong Kong	HK			
46	International Institute in Geneva	CH			
47	ESSEC Business School	FR			
48	University of Birmingham	UK			
49	EU Business School	ES			
50	University of Bern	CH			
51	Liverpool John Moores University	UK			
52	Aarhus University	DK			

QS Stars University Ratings

Argentina

Universidad Catolica de Cordoba ★★★★★

Universidad de Palermo ★★★★★

Universidad Nacional del Nordeste (UNNE) ★★★

Australia

Southern Cross University ★★★★★

James Cook University ★★★★★

University of Southern Queensland (USQ) ★★★★★

Curtin University ★★★★★+

Central Queensland University (CQUniversity) ★★★★★

University of South Australia (UNISA) ★★★★★

University of South Australia Business School ★★★★★

Bond University ★★★★★

Bond University ★★★★★

University of Wollongong ★★★★★+

Western Sydney University ★★★★★

Charles Sturt University ★★★★★

Azerbaijan

Azerbaijan State University of Economics (UNEC) ★★★★★

Baku State University ★★★★★

Bangladesh

American International University - Bangladesh ★★★★★

Belgium

UBI Business School ★★★★★

Bolivia

Universidad Privada Boliviana (UPB) ★★★★★

Brazil

Universidade Vila Velha ★★★★★

FIA Business School ★★★★★

Brunei Darussalam

Universiti Islam Sultan Sharif Ali (UNISSA) ★★★★★

Cambodia

CamEd Business School ★★★★★

Canada

University of Fredericton ★★★★★

Western University ★★★★★+

University of the Fraser Valley (UFV) ★★★★★

University Canada West ★★★★★

University of New Brunswick ★★★★★

Chile

Universidad Andres Bello (UNAB) ★★★★★

China

Yunnan Normal University ★★★★★

Chongqing University of Technology ★★★★★

School of Business Administration, Jiangxi University of Finance and Economics ★★★★★

Business School Office of Guangxi University ★★★★★

University of Nottingham Ningbo China ★★★★★

Duke Kunshan University ★★★★★

Dongbei University of Finance and Economics ★★★★★

University of Shanghai for Science and Technology (USST) ★★★★★

University of Shanghai for Science and Technology (USST) ★★★★★

University of Shanghai for Science and Technology (USST) ★★★★★

University of Shanghai for Science and Technology (USST) ★★★★★

Colombia

Fundación Universitaria CEIPA ★★★★★

Universidad del Magdalena ★★★★★

Universidad del Rosario ★★★★★

Corporación Universitaria Minuto de Dios (UNIMINUTO) ★★★★★

Universidad de Santander (UDES) ★★★★★

- Fundación Universitaria Juan N. Corpas (FUJNC) ★★
- Universidad Católica de Colombia ★★★★★
- Fundación Universitaria del Área Andina (AREANDINA) ★★

Comoros

- Midocean University ★★★★★

Costa Rica

- Universidad Latina de Costa Rica (Ulatina) ★★★★★
- Frankfort Academy ★★★★★
- Universidad Fidélitas ★★★★★

Cyprus

- European University Cyprus (EUC) ★★★★★
- University of Nicosia (UNIC) ★★★★★

Denmark

- Aalborg University ★★★★★+

Dominican Republic

- Universidad Apec (UNAPEC) ★★★★★
- Instituto Tecnológico de Santo Domingo - INTEC ★★★★★
- Ecuador
- Universidad de Guayaquil ★★
- Universidad ECOTEC ★★★★★
- Universidad Espíritu Santo (UEES) ★★★★★

Egypt

- Mansoura University ★★★★★
- Al-Azhar University ★★★★★
- October 6 University ★★★★★
- Delta University for Science and Technology ★★★★★
- Future University in Egypt ★★★★★
- Arab Academy for Science and Technology and Maritime Transport ★★★★★

France

- European International University (EIU Paris) ★★★★★

Germany

- IU International University of Applied Sciences ★★★★★
- SRH Fernhochschule GmbH ★★★★★

Greece

- University of Patras ★★★★★

Honduras

- Escuela Agrícola Panamericana Inc. Zamorano Honduras ★★★★★
- Universidad Tecnológica Centroamericana (UNITEC) ★★★★★

Hong Kong

- The Education University of Hong Kong ★★★★★
- Lingnan University ★★★★★+

Hungary

- Budapest Metropolitan University ★★★★★

India

- University of Petroleum and Energy Studies (UPES) ★★★★★
- Manav Rachna International Institute of Research and Studies (MRIIRS) ★★★★★
- Galgotias University ★★★★★
- JSS Academy of Higher Education & Research (JAHER) ★★★★★
- Sathyabama Institute of Science and Technology (Deemed to be University) ★★★★★

Indonesia

- Universitas Islam Riau ★★★★★
- Universitas Multimedia Nusantara ★★★★★
- Satya Wacana Christian University ★★★★★
- Universitas Muhammadiyah Purwokerto ★★★★★

Universitas Ciputra	★★★★
Universitas Amikom Yogyakarta	★★★
Telkom University (Tel-U)	★★★★★
Universitas Muhammadiyah Surakarta	★★★
State Islamic University (UIN) Syarif Hidayatullah Jakarta	★★★
Universitas Negeri Padang	★★★
Atma Jaya Catholic University	★★★
BINUS University (Bina Nusantara University)	★★★★★

Iraq

University of Baghdad	★★★★★
University of Warith Al-Anbiyaa	★★★
University of Kerbala	★★★
Al-Zahraa University for Women	★★★
University of Alkafeel	★★★

Ireland

Dublin Business School	★★★★★
Technological University of the Shannon: Midlands Midwest	★★★★★
National College of Ireland (NCI)	★★★★★

Italy

Rome Business School	★★★★★
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Jordan

Al Al-Bayt University	★★★★★
University of Petra	★★★★★
Middle East University Jordan	★★★★★
Jadara University	★★★★
The Hashemite University	★★★★★
Tafila Technical University	★★★★★
Jordan University of Science & Technology (JUST)	★★★★★+
Princess Sumaya University for Technology	★★★★★+
Applied Science Private University	★★★★★+

Al-Ahliyya Amman University (AAU)	★★★★★
Yarmouk University	★★★★★
University of Jordan	★★★★★
Mutah University	★★★★★

Kazakhstan

Sarsen Amanzholov East Kazakhstan University	★★★★
Astana Medical University	★★★★
Shakarim University of the City of Semey	★★★★
Kazakh National Women's Teacher Training University	★★★★
Karaganda Industrial University	★★★
Semey Medical University	★★★
Al-Farabi Kazakh National University (KazNU)	★★★★★
Taraz University named after M.Kh.Dulaty (Dulaty University)	★★★
International Information Technology University	★★★
Satbayev University	★★★★
Ualikhanov University	★★★
Abylkas Saginov Karaganda Technical University	★★★★
Kazakh National Agrarian Research University (KazNARU)	★★★★
L.N. Gumilyov Eurasian National University	★★★★
Narxoz University	★★★★
Saken Seifullin Kazakh Agrotechnical University (KATU)	★★★★
Karaganda Buketov University	★★★★
D. Serikbayev East Kazakhstan State Technical University	★★★★
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Almaty Technological University	★★★★

Kuwait

American University of the Middle East	★★★★★+
Gulf University for Science & Technology (GUST)	★★★★★+
Australian University	★★★★

Kyrgyzstan

Kyrgyz State Medical Academy	★★★★
Kyrgyz State Technical University	★★★★
Osh State University	★★★★
Kyrgyz-Turkish Manas University	★★★★

Lebanon

American University of Science and Technology	★★★★
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Macau

Macao Polytechnic University	★★★★★
Macao University of Science and Technology	★★★★★+

Malaysia

Raffles University, Malaysia	★★★★
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University of Cyberjaya	★★★★★
Open University Malaysia	★★★★★
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SEGi University	★★★★★+
Asia Pacific University of Technology & Innovation (APU)	★★★★★+
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Mexico

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Universidad CETYS	★★★
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University Mohammed VI Polytechnic - UM6P	★★★★★
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University of Otago	★★★★★+
Massey University	★★★★★+
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Victoria University of Wellington	★★★★★+

Northern Cyprus

Eastern Mediterranean University (EMU)	★★★★
European University of Lefke	★★★★★

Oman

Sohar University	★★★★★
Modern College of Business and Science	★★★★★

Palestine

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Universidad Continental	★★★★

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Camarines Sur Polytechnic Colleges	★★★
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Cagayan State University	★★★
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Panpacific University	★★★
Visayas State University	★★★
Mariano Marcos State University	★★★★
Asia Pacific College	★★★★
Mapua University	★★★★
Western Mindanao State University	★★★
Southern Luzon State University	★★★
Batangas State University	★★★
Northwest Samar State University	★★★
Our Lady of Fatima University	★★★★
Central Luzon State University	★★★
Aklan State University	★★★
Samar State University	★★★
Cebu Normal University	★★★
Pangasinan State University	★★★
Tarlac State University	★★★

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Instituto Superior de Gestao	★★★

Puerto Rico

Universidad Politécnica de Puerto Rico	★★★★
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Romania

Babes-Bolyai University	★★★★★
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Saudi Electronic University	★★★★
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IEBS Digital Business School	★★★★★
La Salle Universitat Ramon Llull	★★★★★
Barcelona Technology School	★★★★★
UCAM Universidad Católica San Antonio de Murcia	★★★★★
INESEM Business School	★★★★★
Euroinnova Business School	★★★
MIOTI Tech & Business School	★★★★★
Universidad Francisco De Vitoria	★★★★★
IMF Smart Education	★★★★
Valencia International University	★★★★★
Inesdi Digital Business School (INESDI)	★★★
IM Digital Business School	★★★★★
IM Digital Business School	★★★
Valencia International University	★★★★★
MIA Digital University	★★★★★
ESERP Business School	★★★★★
CETT Barcelona School of Tourism, Hospitality and Gastronomy	★★★★★

OBS Business School	★★★★
EAE Business School (prev Escuela de Administración de Empresas)	★★★★★
ISDI - Digital Business School	★★★★
Universitat Politecnica de Valencia	★★★★★
ESIC Business & Marketing School	★★★★★

Switzerland

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Swiss International University, ISBM Switzerland	★★★★★
United International Business Schools	★★★★
Swiss Educational College	★★★★
Business and Hotel Management School (BHMS)	★★★★★
Rushford Business School- James Lind Institute	★★★★★
Swiss International Institute Lausanne	★★★★★
Swiss School of Higher Education	★★★★
EHL Hospitality Business School	★★★★★
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National Taipei University of Education	★★★★
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Miami University



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Tashkent Institute of Finance



Samarkand State University



Tashkent State Transport University



Tashkent Medical Academy (TMA)



National University of Uzbekistan named after Mirzo Ulugbek



Tashkent University of Information Technologies named after Muhammad Al-Khwarizmi



Tashkent State University of Economics



National Research University Tashkent Institute of Irrigation and Agriculture Mechanisation Engineers (TIAME)



Tashkent State University of Law



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Ho Chi Minh City University of
Technology (HUTECH)



VinUniversity



Ho Chi Minh City University of
Economics & Finance (UEF)



Nguyen Tat Thanh University



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Code	Region Name	Code	Region Name	Code	Region Name
AE	United Arab Emirates	IN	India	SD	Sudan
AL	Albania	IQ	Iraq	SE	Sweden
AL	Albania	IR	Iran, Islamic Republic of	SG	Singapore
AM	Armenia	IS	Iceland	SI	Slovenia
AR	Argentina	IT	Italy	SK	Slovakia
AT	Austria	JO	Jordan	SK	South Korea
AU	Australia	JP	Japan	SV	El Salvador
AZ	Azerbaijan	KE	Kenya	SY	Syrian Arab Republic
BA	Bosnia and Herzegovina	KG	Kyrgyz Republic	TH	Thailand
BD	Bangladesh	KR	South Korea	TJ	Tajikistan
BE	Belgium	KW	Kuwait	TN	Tunisia
BG	Bulgaria	KZ	Kazakhstan	TR	Turkey
BH	Bahrain	LB	Lebanon	TW	Taiwan
BN	Brunei	LK	Sri Lanka	UA	Ukraine
BO	Bolivia	LT	Lithuania	UG	Uganda
BR	Brazil	LU	Luxembourg	UK	United Kingdom
BY	Belarus	LV	Latvia	US	United States
CA	Canada	LY	Libya	UY	Uruguay
CH	Switzerland	MA	Morocco	UZ	Uzbekistan
CL	Chile	MC	Monaco	UZ	Uzbekistan
CN	China (Mainland)	MD	Moldova	VE	Venezuela
CO	Colombia	MK	North Macedonia	VN	Vietnam
CR	Costa Rica	MN	Mongolia	YE	Yemen
CS-KM	Kosovo	MO	Macau SAR	ZA	South Africa
CU	Cuba	MT	Malta	ZW	Zimbabwe
CY	Cyprus	MX	Mexico		
CZ	Czech Republic	MY	Malaysia		
DE	Germany	NCY	Northern Cyprus		
DK	Denmark	NG	Nigeria		
DO	Dominican Republic	NI	Nicaragua		
DZ	Algeria	NL	Netherlands		
EC	Ecuador	NO	Norway		
EE	Estonia	NZ	New Zealand		
EG	Egypt	OM	Oman		
ES	Spain	PA	Panama		
ET	Ethiopia	PE	Peru		
FI	Finland	PH	Philippines		
FR	France	PK	Pakistan		
GE	Georgia	PL	Poland		
GH	Ghana	PR	Puerto Rico		
GR	Greece	PS	Palestinian Territory, Occupied		
GT	Guatemala	PT	Portugal		
HK	Hong Kong SAR	PY	Paraguay		
HN	Honduras	QA	Qatar		
HR	Croatia	RO	Romania		
HU	Hungary	RS	Serbia		
ID	Indonesia	RU	Russia		
IE	Ireland	SA	Saudi Arabia		
IL	Israel				

Advertisers

Abu Dhabi University	278	Macao University of Tourism	2
Al Ain University	301	National University of Singapore	29
American International University, Bangladesh	47	Prince Mohammad bin Fahd University	96
American University of the Middle East	IFC	Princess Nourah Bint Abdul Rahman University	135
Applied Science Private University	185	Satbayev University	178
Applied Science University Bahrain	308	Sohar University	12
Azerbaijan State University of Economics (UNEC)	89	The University of Business and Technology	211
Effat University	112	Umm Al-Qura University	354
Gulf University for Science and Technology	190	University of Petroleum and Energy Studies	65
Khalifa University	258	University of Canterbury	66
King Khalid University	150	Xi'an Jiaotong Liverpool University	56

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The opinions expressed in this publication are those of the authors. They do not purport to reflect the opinions or views of QS Quacquarelli Symonds.

Version 1

استراتيجية جامعة أم القرى 2027

Umm Al-Qura University strategy 2027

الرؤية



بيئة تعليمية بمواصفات عالمية ومقصد للطلبة والعلماء المتميزين

An educational environment with international standards, attractive to distinguished students and Scientists

الرسالة



التميز في التعليم والبحث والابتكار بما يسهم في تنمية الاقتصاد المعرفي وخدمة المجتمع منطلقين من عمقنا العربي والإسلامي

Distinction in education, research and innovation to develop the knowledge economy and serve the community based on our status as the heart of the Arab and Islamic worlds

القيم



- التنوع والشمولية
Diversity and inclusion
- الريادة والابتكار
Leadership and innovation
- الجودة والتميز
quality distinction
- الانتماء والمسؤولية
Belonging and responsibility

الكفاءة والفاعلية
Efficiency and effectiveness

الأهداف الاستراتيجية Strategic objectives



تعزيز مكانة الجامعة عالمياً
بعمقها العربي والإسلامي
وتفعيل دورها المجتمعي

Strengthen the university's global position based on its status at the heart of the Arab and Islamic worlds and enhance its community role



رفع كفاءة الموارد
والحوكمة لتحقيق التميز
في العمل المؤسسي

Enhance the efficiency of resources and governance to achieve institutional distinction



تطوير منظومة الابتكار
وتوجيهها لتعزيز
الاقتصاد المعرفي

Develop and direct the innovation system to enhance the knowledge economy



تحسين جودة مخرجات
البحث العلمي
والدراسات العليا

Improve the quality of the outcomes of scientific research and postgraduate studies



تقديم برامج تعليمية
نوعية لإعداد طالب
منافس عالمياً

Provide quality educational programs to qualify students to compete internationally

المسارات الاستراتيجية Strategic paths

خدمة المجتمع

Community service

16

مبادرة initiative

الحوكمة
وكفاءة الموارد

Governance and efficiency of resources

17

مبادرة initiative

الابتكار
والتنافسية

Innovation and competitiveness

20

مبادرة initiative

البحث العلمي
والدراسات العليا

Postgraduate studies and scientific research

15

مبادرة initiative

التعلم
والتعليم

Learning and education

25

مبادرة initiative

البرامج Programs

تعزيز العمل التطوعي
والمسؤولية المجتمعية

Enhancing voluntary work and social responsibility

كفاءة الموارد البشرية

Efficiency of human resources

الاستدامة في تنمية
الإيرادات البديلة

Sustainability in developing alternative revenues

تجويد البحث العلمي

Enhancing the quality of scientific research

التحول البرمجي

Academic programs transformation

تحسين جودة الحياة

Improving the quality of life

الحوكمة وكفاءة الإنفاق

Governance and efficiency of expenditure

الابتكار وريادة الأعمال

Innovation and Entrepreneurship

تطوير الدراسات العليا
والإبتعاث

Postgraduate studies and scholarships

التحول الرقمي

Digital transformation

تعزيز دور المرأة ومكاتها

Improving the student experience

تطوير البنية التحتية
للمرافق

Improving knowledge environment and resources

التنافسية والشراكات
الاستراتيجية

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تطوير بيئة ومصادر المعرفة

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STUDY AT UMM AL-QURA UNIVERSITY

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Statistics



114

Programs available to non-native students of Arabic Language



2596

Non-native students of Arabic Language



33

Colleges



5

University campuses

2025 QS YEARBOOK

The 2025 QS Yearbook brings together QS' Rankings from throughout the 2024 cycle. From the World University Rankings in June 2024 to the Subject Rankings in April 2025 and beyond, this almanac is a quick reference guide for all those interested in the state of education. Over time, it also serves as a volume to look back upon, to understand Rankings changes over the years and decades.

Also included in this book are articles and editorials detailing the thoughts and ideas of experts and education stakeholders at the time of the Rankings' publication. Topics including country and global trends, new developments in teaching, learning, and research published in *QS Insights Magazine* as well the views of those at QS' Conferences, provide colour and context behind the data.

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This book, together with its partner websites topuniversities.com, TopMBA.com, QS.com and QS-GEN.com, is a unique resource for institutions, policy makers and employers interested in understanding the global status and evolution of universities everywhere.