

GRADUATE EMPLOYABILITY RANKINGS 2019

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Welcome: QS Graduate Employability Rankings 2019



By Selina Griffin & Dennis Yu, QS Intelligence Unit

Earlier this year the United States of America's Bureau of Labor Statistics announced that the 'quit rate' (the proportion of people leaving/quitting their jobs) was at the highest level since 2001. The quit rate is perceived as an optimistic measure; if someone is leaving their job it is thought to be because they have found a better one to go to. The Bureau also reported that there were more jobs available than there were unemployed people (6.1 million unemployed and over 6.6 million jobs).

Whilst this is only a snapshot of the United States employment market, it offers compelling considerations. The media abounds with stories about poor conditions in the gig economy, the threat posed by automation and artificial intelligence, and the collapse of household names. The job market presents an increasingly complicated landscape for graduates to navigate, and providing motivated individuals with serviceable information about that landscape has always been central to QS's mission. It was back in 2005 that QS first included "Employer Reputation" as an indicator in the World University Rankings. The world has come a long way since then but employability has remained crucial to both students and to QS.

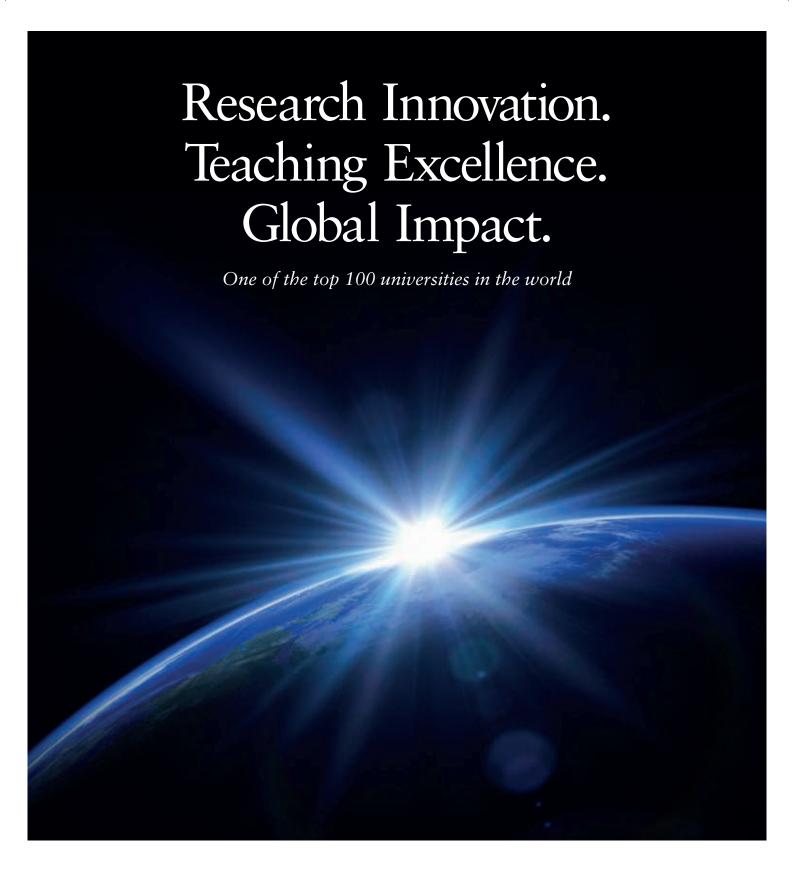
In 2015, QS began its Graduate Employability Rankings exercise. This has allowed us to more closely examine a university's relationship with employers and its graduates. Our methodology focuses on how connected universities are with employers, how reputed their graduates are among companies worldwide, how likely their graduates are to enter the job market soon after graduation and, finally, the achievements of their most prominent alumni.

This year the team have made a tremendous effort to expand the number and diversity of the lists we use for our Alumni Outcomes indicator;

one of the most original and innovative used in all of any rankings. Over 2,000 universities in 132 locations had an alumnus on one of the lists our team analysed.

The 2019 edition evaluated more than 650 institutions and published 500, with 41 new entries. The ranking benefits from our growing database of employer respondents; institutions in our database received close to 200,000 nominations from over 42,000 employers. A week prior to launching this project, QS also published its first ever publicly-available report exploring QS Global Employer Survey data. It focuses on the global graduate skills gap and reveals the misalignment between employer and student expectations. Stephen Isherwood, the CEO of the Institute of Student Employers in the UK, acknowledges the importance of the insights offered by this exercise: "The pace of change in the workplace is ever increasing, so graduates need to ensure they are developing the skills and abilities that will not only empower them to land the job of their choice, but allow them to thrive as their career develops."

We hope that the 2019 edition of the QS Graduate Employability Rankings proves illuminating and informative.



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QS Graduate Employability Rankings 2019: Methodology

The increasing cost of higher education, combined with the increasing saturation of degreeholding graduates in today's employment market, means that students are becoming increasingly concerned with the extent to which their tertiary education experience will provide them with a longterm return on investment. To ensure that students are able to make informed decisions regarding their study choices, QS believe that high-quality, independently-verified data is imperative.

It is also clear, however, that graduate employment rate is an inadequate means of capturing the complex interrelationship between student behaviour, university choice, and career outcomes. It is this principle that determined our decision to construct a new, bespoke ranking focusing on graduate employability, with a unique, multivariate methodology that more accurately identifies the extent to which the university is a determinant of employability. This methodology utilises five key indicators:

- (1) Employer Reputation (30% of an institution's final score): QS believe that one of the best ways to identify institutions that have a strong record of success as far as nurturing employability is concerned is to consult those who are the beneficiaries: employers. The QS Employer Survey - proprietary, and the largest of its kind in the world – accounts for the insights of over 42,000 hiring managers and other employer representatives across the globe, enumerating those universities that employers believe produce the most talented, competent, employable graduates. The survey's scope continues to grow in size, remains a robust measure of employer sentiment, and is the determinant of our Employer Reputation indicator.
- (2) Alumni Outcomes (25%): Students who have invested considerable additional time and expense into upskilling themselves aren't simply seeking a job: they're seeking a career. Our Alumni Outcomes indicator identifies those universities most likely to produce graduates that go on to be luminaries in their field. To do so, our Intelligence Unit analysed data from over 130 lists of highly successful individuals, comprising 50,000 records pertaining to 28,000 individuals. Over 2,000 institutions provided at least one individual alumnus to these lists, and care was taken to ensure that the dataset was global and multisectoral.

(3) Partnerships with Employers (25%)Here, we start to examine what universities do to engage with employers more closely. First, we use Elsevier's Scopus database to establish which universities are doing most to forge research partnerships with employers - and those that are most successful in ensuring that these partnerships yield citable, transformative research. Only distinct companies producing three or more collaborative papers in a five-year period (2012-2016) are included in the count. This year's ranking accounts for university collaborations with 2,000 top global companies, as listed by Fortune and Forbes.

Second, it considers work placement-related partnerships that are reported by institutions and validated by the QS research team - crucial partnerships if students are to enjoy employabilityenhancing internships and work experience. Both figures are adjusted to account for the number of faculty at each university to avoid institutions of larger size receiving undue advantage, and then combined into a composite index.

(4) Employer-Student Connections (10%) It is a common adage that life outcomes can be attributed as much to who one knows as what one knows – an adage that emphasises the importance of one's network. It follows that universities keen to actively augment their student's chances of successful employment should attempt to ensure that influential employers are frequently present on campus, giving the aware student the possibility to meet face-to-face with those that can valuably expand their network. Such events also ensure that students can, if motivated and aware, acquire crucial insider information about how to make themselves more hireable.

The Employer-Student Connections indicator fulfils this role, summing the number of individual employers who have been actively present on a university's campus over the past twelve months. This 'active presence' may take the form of participating in careers fairs, organizing company presentations, or any other self-promoting activities. This count is adjusted by the number of students, accounting for the size of each institution.

(5) Graduate Employment Rate (10%) While this indicator is simple and reductionist, it is also essential for any nuanced understanding of how successful universities are at nurturing employability. We measure the proportion of graduates (excluding those opting to pursue further study or unavailable to work) in full or part time employment within 12 months of graduation. To calculate the scores, we consider the difference between each institution's rate and the average in the country in which they are based. To preclude significant anomalies, the results are adjusted by the range between the maximum and minimum values recorded in each country or region. This accounts for the fact that a university's ability to foster employability will be affected by the economic performance of the country in which they are situated.

Whilst this is only a snapshot of the United States employment market, it offers compelling considerations. The media abounds with stories about poor conditions in the gig economy, the threat posed by automation and artificial intelligence, and the collapse of household names. The job market presents an increasingly

complicated landscape for graduates to navigate, and providing motivated individuals with serviceable information about that landscape has always been central to QS's mission. It was back in 2005 that QS first included "Employer Reputation" as an indicator in the World University Rankings. The world has come a long way since then but employability has remained crucial to both students and to QS.

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Overview: QS Graduate Employability Rankings 2019



By Martin Ince, QS Intelligence Unit

Gone are the days when university reputations could be constructed solely on research prowess. Today, institutions around the world are increasingly aware of the need to help create great careers for their students.

The 2019 QS Graduate Employability Rankings (GER), reveal which universities have done most to produce more employable graduates, and may perhaps encourage the laggards to do more. They are an invaluable resource for students who want their studies to lead into a solid career.

Graduate employability is a tricky issue, deriving as it does from multiple variables: student alacrity, employer engagement, university efforts, and the health of national and international labour markets. Further complicating matters is the fact that some university courses –law, engineering or education – point directly towards a future career while others, especially in the humanities, are more about developing general intellectual capacity, and are less clearly linked to a specific vocation.

To capture this complexity, these new rankings use five indicators. The most heavily-weighted, at 30 per cent of each university's possible score, is employer opinion (Employer Reputation). This metric utilizes the unique QS survey of employers that also informs our QS World University Rankings. This year, 42,862 recruiters of graduates told us where they like to hire. The University of Cambridge enjoys higher repute among hiring managers and other employers than any other university in the world, according to our survey.

Less heavily weighted, at 25 percent each, are two indicators that we term Alumni Outcomes and Partnerships with Employers per Faculty. Alumni Outcomes are a measure of each university's ability to produce exceedingly successful graduates – business leaders, prizewinners in a range of fields, or other prominent individuals, especially those who have found success at an early age. Here, the world champion is Harvard University in the US.

Our measure of Employer Partnerships captures which universities interact most closely with employers, in research publishing as well as via internships and other student-centred initiatives. Here the world number one is Stanford University.

Two final indicators are weighted at 10 per cent each. One is Employer/Student Connections, the degree to which a university campus hosts employers on campus through activities such as recruitment fairs. This is a measure on which big-name universities in the US and elsewhere in the English-speaking world perform relatively poorly. The University of California at Berkeley is 97th in the world on this measure, but still ranks fourth overall. Top here is Huazhong University of Science and Technology in China, one of six Chinese institutions in the top 10 on this measure.

Our final indicator is one that is as common as it is crucial as a signifier of a university's capacity to produce employable graduates: graduate employment rate. It is calculated by looking at the percentage of each university's alumni who are in work a year after graduation, corrected for the national unemployment rate in their country. Number one here is the Moscow State Institute of International Relations.

This year we have published the world's top 500 universities on these indicators. They are in 76 locations on every continent except Antarctica, showing that it is not necessary to

cross time zones to find a university that cares about the future success of its students.

However, it is undeniable that bigname institutions dominate the upper reaches of this table. Top is the Massachusetts Institute of Technology, up from fifth last year and also first in the overall QS

World University Rankings. Also in the top 10 are prominent universities in the US, the UK, Australia and China, while globally-renowned institutions in Canada, Hong Kong, Switzerland and Japan appear in positions 11-20. The ranking does much to recommend Californian higher education, with three of the Golden State's institutions in our top ten.

However, this Ranking contains some noteworthy surprises as well. Waseda University in Tokyo is 208th in the QS World University Rankings but 27th here, while Waterloo in

Canada is 28th in this table while sitting at 163rd in the World Rankings.

These findings also point to affordable ways for students to study while furthering their job ambitions. For example, the Karlsruhe Institute of Technology is in 31st place here, while being ranked 116th in the world overall. It is one of 32 German universities in this table. Of these, 12 are placed higher here than in the World University Rankings. As these universities are some of the most affordable in the world in terms of student fees, they might well be worth a closer look for aspiring (international) students.

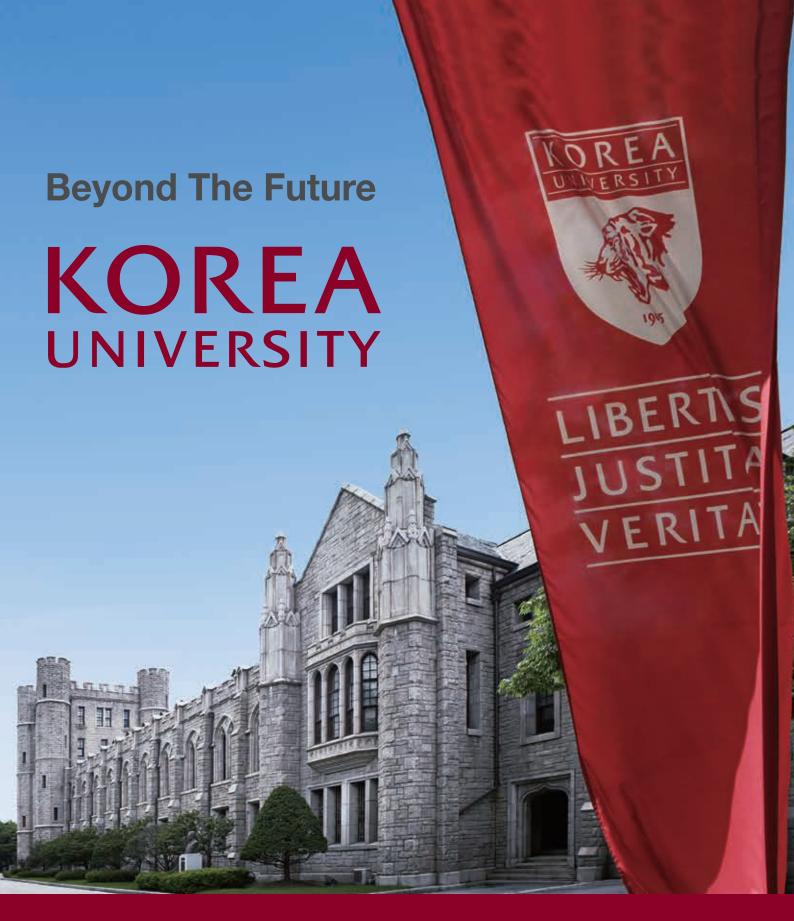
"...this Ranking contains some noteworthy surprises...

Waseda University in Tokyo is 208th in the QS World University Rankings but 27th here, while Waterloo in Canada is 28th in this table while sitting at 163rd in the World Rankings."

In addition, this analysis shows that Asian universities are among the world's best at enhancing their alumni's job market prospects. There are four Asian universities in the top 20 - Tsinghua, Peking, Hong Kong and Tokyo. Perhaps more importantly, 163 of the universities we list here are in Asia, almost a quarter. Of these, 26 are

in China, 14 in Japan, 16 in Korea, and 13 in India.

It is perhaps inevitable that these very different, but all economically ambitious, nations should be good ones in which to be a job-hungry student. But we also rank institutions in Vietnam, Oman, Iran and Iraq, thus ensuring that we are providing students from all destinations with crucial insight into the relationship between university choice and job prospects.



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The only Korean university in the Universitas 21 86th

QS World University Rankings 2019 113th

Anniversary of Korea University's foundation 1,039

Number of international partner universities

1,779

Number of students who enrelled in internal Summer Campus

	2019 RANK	2018 RANK	Institution Name	Location	Employer Reputation	Alumni Outcomes	Employer Partnerships	Employer – Student Connections	Graduate Employment Rate	Overall SCORE
_	1	5	Massachusetts Institute of Technology (MIT)	United States	100	100	99.1	97.4	75.1	100
())) () () () () () () () ()	2	1	Stanford University	United States	100	100	100	95.1	68.7	99.3
	2	2	University of California, Los Angeles (UCLA)	United States	98.1	99.9	98.6	81.9	91.1	99.3
~	4	3	Harvard University	United States	100	100	99.8	76.4	86.9	99.2
~	5	4	The University of Sydney	Australia	94.4	93.3	98.4	99.3	97.9	98.9
~	6	7	The University of Melbourne	Australia	97.9	92.6	95.4	78.5	98.1	96.9
~	7	6	University of Cambridge	United Kingdom	100	99.9	88.9	89.6	75	96.5
×	8	9	University of California, Berkeley (UCB)	United States	99.7	99.2	96.6	58	86.4	96.2
~	9	10	Tsinghua University	China	99.2	83.2	99.8	99.7	76.6	96
~	10	8	University of Oxford	United Kingdom	100	100	89.6	81	69.5	95.3
	11	11	New York University (NYU)	United States	88	99.9	93.7	99.9	70.8	94.7
200	12	15	University of Toronto	Canada	91	97.6	99.6	62.8	82.4	93.9
200	13	20	University of Hong Kong (HKU)	Hong Kong	85.4	82.7	97.4	93.2	97.2	92.4
	14	18	Yale University	United States	99.3	100	82	76	63.6	92
	15	16	ETH Zurich (Swiss Federal Institute of Technology)	Switzerland	97.8	81.2	89.8	73.5	93.8	91.5
~~	15	13	Princeton University	United States	93.9	99.3	74.9	82.6	87.6	91.5
~~	17	12	Columbia University	United States	95.8	100	88.1	87.2	-	90.9
200					97.3	•				
2000	18	17	UCL (University College London)	United Kingdom		91.6	84.8	67.5	76.7	90.4
2000	19	14	The University of Tokyo	Japan	99	97.8	95.2	-	77.8	89.9
2000	20	15	Peking University	China	99.6	93.7	74.5	77.6	72.1	89.6
~	21	18	Cornell University	United States	85.3	99.4	91.7	56.1	68.7	88.5
~	22	21	University of Chicago	United States	85.1	93.7	86	52	99.1	88.2
	23	-	Seoul National University (SNU)	South Korea	95.5	98.3	90.6	-	-	86.6
~	24	22	University of Pennsylvania	United States	89.8	100	79	-	93.4	84.6
	25	25	University of Michigan	United States	83.7	97.4	99.6	-	60.9	83.3
~	25	24	University of Waterloo	Canada	64.8	79.9	98.5	86.6	89.4	84.2
~	26	27	Fudan University	China	92.6	66.2	81.9	87.1	60.2	82
\sim	27	26	Waseda University	Japan	78	79.4	79.9	82.8	77.8	81.7
>	28	36	The University of New South Wales (UNSW)	Australia	94.8	93.3	77.6	-	-	80.8
~	30	28	Ecole Polytechnique	France	99.6	86.6	-	85.9	98.7	80.6
~	31	30	KIT, Karlsruher Institut für Technologie	Germany	90.1	49.2	96.4	52.8	88.4	79.9
	32	32	Northwestern University	United States	63.7	96.5	83.8	46.1	81.9	79.3
~	33	29	Imperial College London	United Kingdom	99.9	81.7	91.8	-	-	78.4
~	33	30	National University of Singapore (NUS)	Singapore	99	94	70.3	-	-	79
> > < > < < > < < < < <	34	34	Duke University	United States	64.3	96.4	94.5	-	66.2	78.3
~	35	33	The University of Manchester	United Kingdom	96.5	70.6	77.4	-	63.6	78.2
	36	39	Politecnico di Milano	Italy	85	35.6	99	59.2	100	77.4
	37	37	Pontificia Universidad Católica de Chile	Chile	88.4	84.7	68.8	-	81.8	77.2
\checkmark	38	35	University of British Columbia	Canada	87.3	75.4	71.7	-	81.2	76.2
	38	38	Zhejiang University	China	77.6	32.1	99.9	99.6	76.6	76.2
^	40	55	Carnegie Mellon University	United States	69.4	74.1	97.8	76.7	-	74.5
V	41	40	Delft University of Technology	Netherlands	82.2	49	96.4	71.2	-	74.3
^	41	47	Purdue University	United States	53.2	58.3	93.8	99.4	80	74.1
/	42	46	Shanghai Jiao Tong University	China	93.9	41.5	77.9	60.1	72.1	73.4
	43	43	Brown University	United States	42.3	95.1	75.1	65.3	81.4	72.1
V	44	43	Georgia Institute of Technology (Georgia Tech)	United States	65.2	66.4	94.7	92.8	-	71.9
~	45	41	American University of Beirut (AUB)	Lebanon	61.8	84.1	51.9	69	98.3	71.4
~	46	45	Keio University	Japan	66.7	83.7	65	-	86.7	70.7
× ×	47	50	University of Bristol	United Kingdom	82.4	54.7	67.6	67.5	63.6	70.5
	48	49	The University of Queensland (UQ)	Australia	69.3	48.8	94.2	-	75.2	69.7
	49	54	London School of Economics and Political Science (LSE)	United Kingdom	99.9	98.9	-	97.1	-	69.4
	49	52	University of Texas at Austin	United States	69.3	78.7	89.6	-		69.4
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	2019 RANK	2018 RANK	Institution Name	Location	Employer Reputation	Alumni Outcomes	Employer Partnerships	Employer – Student Connections	Graduate Employment Rate	Overall SCORE
>	51	53	Kyoto University	Japan	89.4	58.9	90.6	-	-	68.4
_	52	64	Johns Hopkins University	United States	48.6	85.1	88.4	-	-	67.9
*	52	62	Tecnológico de Monterrey (ITESM)	Mexico	74.4	92.3	-	98.1	98.3	67.8
X	53	70	University of Leeds	United Kingdom	70.7	39.1	81	58	87.9	67.8
>	55	57	University of Wisconsin-Madison	United States	43	85.9	82.6	-	67.6	67.5
>	56	59	University of Southern California	United States	41	98.1	84.1	68.4	-	67.3
>	57	60	University of Edinburgh	United Kingdom	87.6	51.9	71.3	67.1	-	66.8
>	58	63	King's College London (KCL)	United Kingdom	81.3	50.6	54.2	56.7	82.7	66.5
>	59	79	Monash University	Australia	88.3	66.9	49.9	46.8	-	66.4
>	60	90	Rheinisch-Westfälische Technische Hochschule Aachen	Germany	95.7	30.2	91.5	-	-	66.2
V	61	51	Boston University	United States	61.6	75.6	66.4	54.5	-	65.8
V	61	48	Universidad de Navarra	Spain	73.4	-	78.2	88.4	79.8	65.8
	61	64	University of Washington	United States	38.7	89.6	90.8	63.2	-	65.8
>	64	69	University of Technology Sydney (UTS)	Australia	81	34.2	55.5	81.3	87.3	65.5
V	65	57	Tokyo Institute of Technology	Japan	69.5	-	86.5	90.6	66.2	65.2
V	66	55	The University of Nottingham	United Kingdom	71.2	32.4	84	57.3	63.6	64.5
>	67	80	CentraleSupélec	France	100	-	56.5	87.7	54.8	63.7
V	67	61	Universidade de São Paulo (USP)	Brazil	78.1	92.4	-	-	-	63.7
>	67	101-110	University of Illinois at Urbana-Champaign	United States	42.9	61.8	92.9	94.4	-	63.7
>	67	72	University of North Carolina, Chapel Hill	United States	31.3	75.3	86	87.2	-	64.1
>	70	76	Osaka University	Japan	56.2	-	94.1	85.4	82.6	63.6
~	71	73	California Institute of Technology (Caltech)	United States	72.9	33.3	89.8	81.2	-	63.5
~~	71	75	The University of Auckland	New Zealand	59.9	72.1	47.6	50.5	86.7	63.5
>	73	84	Australian National University (ANU)	Australia	78.8	50.2	-	64.9	77.7	63.3
>	74	75	University College Dublin (UCD)	Ireland	50.1	59	84.6	57.1	-	62.9
~	75	66	The University of Warwick	United Kingdom	94	51.3	-	67.2	-	62.7
200	76	93	KAIST - Korea Advanced Institute of Science and Technology	South Korea	74.3	36.4	79.1	-	76.8	62.6
~	78	68	Technische Universität Darmstadt	Germany	70.5	28.5	66.6	70.6	80.4	61.9
~~	79	94	KTH, Royal Institute of Technology	Sweden	71.6	46.7	59.3	96.8	-	61.7
~~	79	85	Sungkyunkwan University	South Korea	85.5	28.1	51.2	45.6	98.1	61.7
~~	81		National Taiwan University (NTU)	Taiwan	60.8	91.2	52.7	-		61.6
× × ×	82	88	Universitat de Barcelona (UB)	Spain	42.3	42.5	98.6	-	89.6	61.3
~	83	74	Durham University	United Kingdom	86.9	35.5	57	60	-	61.2
× × ×	85	97	RMIT University	Australia	57.9	34.2	82.1	- 01 F	86.1	60.5
**************************************	86	67	Chalmers University of Technology	Sweden	59.3	-	94.8	91.5	- 01.2	60.1
NO.	87	94	University of Alberta Technische Universität Redin	Canada	41.9	41	81.4	59.6	91.2	60 50.2
S. W. S.	88	78	Technische Universität Berlin Ohio State University	Germany United States	70.7	27.7 49.2	63.7 89.2	77.4 82.5	56.8	59.2 58.9
SAU	89 90	94	Ohio State University University of Zurich	Switzerland	60	58.7	48.2		87.4	58.7
SAV	91	- 94	University of Zurich Université PSL (Paris Sciences & Lettres)	France	99.7	52.7	- 40.2	-	- 07.4	58.6
	92		Universidad Politécnica de Madrid	Spain	40.3	49.4	91.2	64.5		58.3
	93	•	McMaster University	Canada	38.3	49.4	82.4	55.8	84.5	58
	93	•	Yonsei University	South Korea	74.3	56.8	57.9		-	58
	95 95	90	Nagoya University	Japan	30.8	-	90.2	98.4	88.7	57.8
>	96	99	Washington University in St. Louis	United States	-	52.1	85.6	98	78.4	57.7
	97	81	Arizona State University	United States	-	34.7	99.3	99.9	64.5	57.6
0.000000	98		Sapienza - Università di Roma	Italy	30.8	64.6	83.2	-	58.9	57.4
		111120	Supreme Striversica di Norra	italy	50.0	U F.U	۷.۷.۷		٠٠.٠	37.7

Ain Shams University was found in 1950 with the name of Ibrahim Pasha University that changed into Heliopolis then Ain Shams in 1954, which is the Arabic translation of Oan, the name of the oldest university in the world set in the same place five thousand years ago



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palm waste

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In Engineering

Overall Rank 701-750 Rank by Subject Medicine: 351 - 400

Life Sciences & Medicine

401-450 Engineering & Technolo

Graduate Employability 301-500 **Employer Reputation 221**

QS Ranking 2018

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2019 RANK	2018 RANK	Institution Name	Location	Employer Reputation	Alumni Outcomes	Employer Partnerships	Employer – Student Connections	Graduate Employment Rate	Overall SCORE
101-110	***************************************	Lomonosov Moscow State University	Russia	76.8	97.2	-	-	-	54.3
101-110	92	Ludwig-Maximilians-Universität München	Germany	78.4	52.2	54.9	-	-	54.3
101-110		Queen's University	Canada	50.5	63.1	57.7	-	-	55.9
101-110		Queensland University of Technology (QUT)	Australia	44.6	-	61.7	97.6	81.8	54.3
101-110	111-120	Trinity College Dublin (TCD)	Ireland	43.2	87.4	-	-	80.3	56.1
101-110	88	Universidad Complutense de Madrid (UCM)	Spain	59.5	69.5	60.7	-	-	56.4
101-110	131-140	Università Cattolica del Sacro Cuore	Italy	50	-	77	85.4	58.9	55.1
101-110	111-120	Universitat Politècnica de Catalunya	Spain	31.1	-	97.8	62.5	94.7	54.8
101-110	101-110	University of Cape Town	South Africa	35.3	89.7	-	65.3	97.2	56.1
101-110	98	University of Virginia	United States	30.1	83.6	60.3	86	-	55.9
101-110	251-300	Wuhan University	China	45.1	39	76.9	98.2	-	54.4
111-120	121-130	Drexel University	United States	-	34	90.9	83.4	80.6	52.1
111-120	101-110	Georgetown University	United States	34.7	90.2	-	86.1	-	53.3
111-120	131-140	Huazhong University of Science and Technology	China	-	-	96.7	100	71	52.1
111-120	121-130	Macquarie University	Australia	34.2	51	61.8	-	98.4	53.6
111-120	121-130	North Carolina State University	United States	-	30.7	92.5	98.9	68.7	52.2
111-120	131-140	The University of Sheffield	United Kingdom	50.9	31.3	53.1	62.1	79.9	52.1
111-120	121-130	Universidad Nacional Autónoma de México (UNAM)	Mexico	79	81.2	-	51.2	-	53.1
111-120	101-110	Università di Bologna (UNIBO)	Italy	42.7	47.9	73.7	-	58.9	54
111-120	101-110	University of Amsterdam	Netherlands	47.2	64.5	70.7	-	-	54.2
111-120	121-130	University of Florida	United States	-	67.4	79.6	76	-	53.9
111-120	131-140	University of Southampton	United Kingdom	35.7	36	67.5	59.8	79.9	52.1
121-130	•	Aarhus University	Denmark	38.1	34.3	95.7	52.5	-	51.4
121-130		City University of Hong Kong	Hong Kong	32.8	35.2	56.1	81.9	89.3	51.3
121-130		Hanyang University	South Korea	56.1	30.2	64.4	50.6	-	50.8
121-130		Hokkaido University	Japan	39.2	-	69.1	98.7	72.3	51
121-130		Politecnico di Torino	Italy	52.2	-	70.4	-	99.9	51.3
121-130	•	University of California, San Diego (UCSD)	United States	45.5	-	86.4	65.7	-	51.4
121-130	***************************************	University of Minnesota	United States	-	55.1	94.6	59.7		51.8
121-130		University of St Gallen (HSG)	Switzerland	77.4	82.1	-	50.5	-	51.2
131-140	-	Ecole Polytechnique Fédérale de Lausanne (EPFL)	Switzerland	80.7		53.8	-		47.8
131-140		Loughborough University	United Kingdom	47.7		67.2	98.5		49.6
131-140		Michigan State University	United States	44.1	50	61.8	67.8	_	50.5
131-140	***************************************	Tel Aviv University	Israel		62.3	55.3	-	81.9	50.3
131-140	•	Texas A&M University	United States	37.4	37.8	88	55.7	-	50.4
131-140		Tongji University	China	-	-	75.1	96.1	76.6	47.6
131-140	201-230	Universidad de Buenos Aires	Argentina	85.6	63.4	- 75.1	- 90.1	70.0	47.6
131-140	131 140	Universidad de Los Andes Colombia	Colombia	65.6	59.5	-	-	81.1	49.8
131-140		Universitat Autónoma de Barcelona	Spain	25.4	-	91.2		95.5	47.9
	***************************************	University of Surrey	United Kingdom	-	-	99.4	51.7	76.3	49.6
141-150	***************************************	Erasmus University Rotterdam	Netherlands	50.9	63.9	-	- 045	- 067	46.7
141-150	***************************************	Hitotsubashi University	Japan	58.4	33.3	-	94.5	86.7	45.6
141-150		Indian Institute of Technology Bombay (IITB)	India	63.3	57.5	-	-	-	46.6
141-150		Kyushu University	Japan	40.2	-	84.4	82.8	-	47.2
141-150		Lund University	Sweden	58	69.7	-	60.5	-	46.6
141-150	***************************************	National Chiao Tung University	Taiwan	26.3	37.1	49	70.6	79.6	45.8
141-150	***************************************	University of Bath	United Kingdom	60	30.3	-	58.2	69.5	46.3
141-150	131-140	University of Copenhagen	Denmark	37	66	54.5	-	-	46.4
141-150	171-180	University of Liverpool	United Kingdom	28.3	30.3	61.8	64.6	81.2	47.5
141-150	151-160	Western University	Canada	49.4	59.4	-	-	-	46.1
141-150	151-160	University of Calgary	Canada	37.5	35.8	77.4	-	-	47



Empowering Vocational and Technical Minds 55

Universiti Kuala Lumpur (UniKL) was established in 2002 under *Majlis Amanah Rakyat* (MARA), a Malaysian agency under the Ministry of Rural and Regional Development (KKLW). UniKL provides graduates with the knowledge, skills and attitude required to contribute towards and play major roles in a globalised and knowledge-based economy.

Having produced more than 48,000 graduates since its inception, UniKL strategically posits itself as a leading local institution for technical, vocational and entrepreneurial programmes. UniKL actively champions, markets and spread the message of **Higher Technical and Vocational Education and Training (HTVET)** in its programmes to truly become the apex of technical university for Malaysia.

The philosophy of the university is to offer programmes that meet demands of the global industry, and that students are equipped with all the required knowledge and hands-on industry experience via what is known as Industrialmanship - a concept to introduce UniKL students to industrial culture and real working environment from as early as Semester 1 up to the Final Semester, upon graduation and beyond.

UniKL City Campus where the Chancellery is housed, is located in the heart of Malaysia's capital and commerce area, boasting the tallest University Tower in the country - a 31-story building situated at the heart of the Golden Triangle of Kuala Lumpur. The other 11 campuses are spread all over Peninsular Malaysia where every campus has its own specialization with the concept of 'One Campus, One Specialisation'.

Beyond the general and technical education delivered on campus, UniKL delivers a competitive and dynamic vocational education through strong partnerships with industries and research institutions to apply and commercialise research findings. Today, the university has extensive collaborations with local and international businesses such as Microsoft, Citroen, Aero Bildung, CIMB, CISCO, Hyundai, Oracle and IBM.

As one if its initiatives to improve the delivery in technical education, UniKL has developed its UniKL value-based Higher Technical and Vocational Education and Training (HTVET) model. The four pillars of excellence are: Innovative Teaching and Learning, Quality Curriculum, Academic Professionalism, and Student Talent Enhancement. This model produces human capital who are innovation-driven, entrepreneurial, ethical and professionally skilled in science, technology and trades which is set to make Malaysia a high income nation.









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2019 RANK Institution Name	Location	Employer Reputation	Alumni Outcomes	Employer Partnerships	Employer – Student Connections	Graduate Employment Rate	Overall SCORE
151-160 141-150 Eindhoven University of Technology	Netherlands	42.8	-	78.1	-	57.6	45.5
151-160 191-200 Indian Institute of Technology Delhi (IITD)	India	55	56	-	71.6	-	45
151-160 171-180 Indiana University Bloomington	United States	25.3	58	-	45	75.8	44.4
151-160 191-200 Queen's University of Belfast	United Kingdom	33.5	-	65.5	88.6	63.6	45.4
>>> 151-160 - Sorbonne University	France	51.5	58.1	-	-	64.1	44.4
151-160 191-200 Queen's University of Belfast 151-160 - Sorbonne University 151-160 181-190 Universidad Autónoma de Madrid	Spain	53.9	-	64.7	-	-	45.4
151-160 161-170 Universidad Nacional de Colombia	Colombia	72.9	32.5	-	-	98.8	44.3
151-160 121-130 Université de Montréal	Canada	50.2	-	62.2	-	-	44.3
151-160 181-190 University of Glasgow	United Kingdom	47.2	31.3	51	-	-	45.2
151-160 University of Maryland, College Park	United States	-	59.4	87.8	-	-	45.3
161-170 171-180 Nanjing University	China	42.8	29.7	-	99.6	71	44.1
161-170 141-150 Saint-Petersburg State University	Russia	-	83	-	93.1	-	43.7
161-170 161-170 Sciences Po Paris	France	47	86.4	-	-	-	44.1
161-170 - The Hong Kong Polytechnic University	Hong Kong	34.2	42.2	-	59.4	67.3	44
161-170 161-170 Tokyo University of Science	Japan	-	36.6	49.6	81.9	97.8	44.2
161-170 171-180 Tufts University	United States	-	59.2	58.3	97.3	-	44.1
161-170 151-160 Universidad Carlos III de Madrid	Spain	43.9	-	64.9	-	96.8	43.9
161-170 201-250 Università degli Studi di Padova (UNIPD)	Italy	-	-	96.9	-	58.9	43.8
161-170 201-250 Universiti Malaya (UM)	Malaysia	45	36.5	-	52.5	91.4	44.1
171-180 151-160 Cardiff University	United Kingdom	38.5	-	55.5	-	88.9	43.4
171-180 161-170 Dartmouth College	United States	30.9	76	-	81.9	-	43.4
171-180 171-180 Maastricht University	Netherlands	-	54.5	-	-	89.4	42.6
171-180 161-170 National Cheng Kung University	Taiwan	26.9	-	52.8	97.9	61.3	42.2
171-180 151-160 Newcastle University	United Kingdom	47.4	-	-	65.5	63.6	42.3
171-180 Université Catholique de Louvain (UCL)	Belgium	43.4	50.9	51.1	-	-	41.8
171-180 171-180 University of Arizona	United States	-	43.8	79.4	54.3	-	42.7
171-180 161-170 University of California, Davis (UCD)	United States	30.7	26.7	85.7	-	-	43.5
171-180 141-150 University of Illinois, Chicago (UIC)	United States	-	50.7	51.2	88.1	-	42.9
171-180 151-160 University of Tsukuba	Japan	-	-	64.3	97.5	83.2	42.2
181-190 201-250 Ateneo de Manila University	Philippines	27.5	63.7	-	46.9	90.2	39.3
181-190 161-170 Charles University	Czech Republic	26.5	42.1	-	-	88.9	40.4
181-190 251-300 Chulalongkorn University	Thailand	35.5	71.5	-	-	-	39.3
181-190 201-250 Indian Institute of Technology Madras (IITM)	India	35.6	36.3		-	99.6	40.6
181-190 201-250 Lehigh University	United States	-	38.3	50.6	83.3	72	40.9
181-190 191-200 Rice University	United States	-	49.7	63	59.3	-	39.3
181-190 191-200 Technische Universität Dresden	Germany	61.5	-	59.3	-	-	39.3
181-190 171-180 The University of Adelaide	Australia	40.3	45.7	-	-	-	41.2
181-190 201-250 Università di Pisa	ltaly	-	-	89.5	-	58.9	40.6
181-190 131-140 University of Lisbon	Portugal	29.7	62	57.2	-	-	40.8
181-190 181-190 University of Wollongong	Australia	31.5	-	57.1	-	95.1	40.5
181-190 201-250 Virginia Polytechnic Institute (Virginia Tech)	United States	-	33.6	78.2	-	-	39.3
181-190 201-250 Xi'an Jiaotong University	China	-	31.7	-	94.1	68.5	41.7
191-200 181-190 Aston University	United Kingdom	34.7	-	55.1	65.4	-	38.3
191-200 161-170 Beijing Institute of Technology	China	_	-	77.9	99.4	-	38.6
191-200 - Ruprecht-Karls-Universität Heidelberg	Germany	61	-	-	58.8	69.6	39.1
191-200 201-250 Sun Yat-sen University	China	33.2	-		85.3	-	38.1
191-200 181-190 Universität Erlangen-Nürnberg	Germany	-	-	76.6	-	69.6	38.9
191-200 171-180 Universität Stuttgart	Germany	55.2	-	55.9	-	-	39.2
191-200 171-180 University of Colorado at Boulder	United States	26.4	40	54.9	-	-	38
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