QS World University Rankings® 2019

Chulalongkorn University

Release Date: 07 June 2018
Methodology
Academic reputation (40%)

The highest weighting of any metric is allotted to an institution’s Academic Reputation score. Based on our Academic Survey, it collates the expert opinions of over 80,000 individuals in the higher education space regarding teaching and research quality at the world’s universities. In doing so, it has grown to become the world’s largest survey of academic opinion, and, in terms of size and scope, is an unparalleled means of measuring sentiment in the academic community.

Employer reputation (10%)

Students will continue to perceive a university education as a means by which they can receive valuable preparation for the employment market. It follows that assessing how successful institutions are at providing that preparation is essential for a ranking whose primary audience is the global student community.

Our Employer Reputation metric is based on over 40,000 responses to our QS Employer Survey, and asks employers to identify those institutions from which they source the most competent, innovative, effective graduates. The QS Employer Survey is also the world’s largest of its kind.
Citations per faculty (20%)

Teaching is one key pillar of an institution’s mission. Another is research output. We measure institutional research quality using our Citations per Faculty metric. To calculate it, we the total number of citations received by all papers produced by an institution across a five-year period by the number of faculty members at that institution.

To account for the fact that different fields have very different publishing cultures – papers concerning the Life Sciences are responsible nearly half of all research citations as of 2015 – we normalize citations. This means that a citation received for a paper in Philosophy is measured differently to one received for a paper on Anatomy and Physiology, ensuring that, in evaluating an institution’s true research impact, both citations are given equal weight.

We use a five-year publication window for papers, so for this edition we looked at papers published from 2012 to 2016. We then take a look at a six-year citation window, reflecting the fact that it takes time for research to be effectively disseminated. In this edition we look for citations from 2012-2017.

All citations data is sourced using Elsevier’s Scopus database, the world’s largest repository of academic journal data. This year, QS assessed 66 million citations from 13 million papers once self-citations were excluded.
Faculty/Student Ratio (20%)

Teaching quality is typically cited by students as the metric of highest importance to them when comparing institutions using a ranking. It is notoriously difficult to measure, but we have determined that measuring teacher/student ratios is the most effective proxy metric for teaching quality. It assesses the extent to which institutions are able to provide students with meaningful access to lecturers and tutors, and recognizes that a high number of faculty members per student will reduce the teaching burden on each individual academic.

Faculty/student Ratio constitutes 20 percent of an institution’s final score.

International faculty ratio/International student ratio (5% each)

A highly international university acquires and confers a number of advantages. It demonstrates an ability to attract faculty and students from across the world, which in turn suggests that it possesses a strong international brand. It implies a highly global outlook: essentially for institutions operating in an internationalised higher education sector. It also provides both students and staff alike with a multinational environment, facilitating exchange of best practices and beliefs. In doing so, it provides students with international sympathies and global awareness: soft skills increasingly valuable to employers. Both of these metrics are worth 5% of the overall total.
Part 1 : Result
Top 10 universities are identical to last Year. The only changes in the top 10 are at fifth and sixth, where Oxford and Cambridge swap places to Oxford’s advantage, and between seventh and tenth, where ETH Zurich has traded positions with University College London.
Globally, 494 institutions performed higher than in the previous edition, while 473 received a lower rank. The graph below provides a breakdown by country, including the number of rises and falls as well as the average rank variation.

All THAI U. rank drop
# QS World University Rankings 2019

**Top in Thailand:**

<table>
<thead>
<tr>
<th>Rank</th>
<th>University Name</th>
<th>Last Year Rank</th>
</tr>
</thead>
<tbody>
<tr>
<td>271</td>
<td>Chulalongkorn University</td>
<td>245</td>
</tr>
<tr>
<td>380</td>
<td>Mahidol University</td>
<td>334</td>
</tr>
<tr>
<td>601-650</td>
<td>Thammasat University</td>
<td>601-650</td>
</tr>
<tr>
<td>651-700</td>
<td>Chiang Mai University</td>
<td>551-600</td>
</tr>
<tr>
<td>801-1000</td>
<td>Kasetsart University</td>
<td>751-800</td>
</tr>
<tr>
<td>801-1000</td>
<td>Khon Kaen University</td>
<td>801-1000</td>
</tr>
<tr>
<td>801-1000</td>
<td>King Mongkut’s University of Technology Thonburi</td>
<td>801-1000</td>
</tr>
<tr>
<td>801-1000</td>
<td>Prince of Songkla University</td>
<td>801-1000</td>
</tr>
</tbody>
</table>
Part 2 : CU Data Analysis
Chulalongkorn University

OVERALL RANK

271

OVERALL, THE INSTITUTION FELL FROM 2018 BY 26 PLACES.

RANKINGS TRENDS

Since 2014, Chulalongkorn University moved down 32 places. Over the 6 considered years, the institution moved up twice and fell 3 times.
TOP 27%

In the 2019 edition, the institution performed among the top 27% in the QS World University Rankings.
# Ranks by Indicator

## 2019 Edition

<table>
<thead>
<tr>
<th>Indicator</th>
<th>Rank</th>
<th>Year on Year Swing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Academic Reputation</td>
<td>118</td>
<td>-19</td>
</tr>
<tr>
<td>Employer Reputation</td>
<td>197</td>
<td>54</td>
</tr>
<tr>
<td>Citations per Faculty</td>
<td>601+</td>
<td></td>
</tr>
<tr>
<td>Faculty Student</td>
<td>529</td>
<td>19</td>
</tr>
<tr>
<td>International Faculty</td>
<td>586</td>
<td>-38</td>
</tr>
<tr>
<td>International Students</td>
<td>601+</td>
<td></td>
</tr>
</tbody>
</table>

At 118 globally, the Academic Reputation is the strongest indicator for Chulalongkorn University.
SCORES BY INDICATOR
EACH INDICATOR CAN REACH A MAXIMUM OF 100 POINTS

<table>
<thead>
<tr>
<th></th>
<th>Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overall</td>
<td>36.3</td>
</tr>
<tr>
<td>Academic Reputation</td>
<td>58.6</td>
</tr>
<tr>
<td>Employer Reputation</td>
<td>44.9</td>
</tr>
<tr>
<td>Faculty Student</td>
<td>28.1</td>
</tr>
<tr>
<td>Citations per Faculty</td>
<td>8.7</td>
</tr>
<tr>
<td>International Faculty</td>
<td>15.7</td>
</tr>
<tr>
<td>International Students</td>
<td>3.3</td>
</tr>
</tbody>
</table>
The following charts present the ratios utilized for rankings calculations for your institution, compared against the global median results.

**Faculty Student Ratio**
Faculty staff per 100 students

- Global Median: 8.0
- Your Institution: 7.8

**Citations per Faculty**
Normalized citations per faculty member

- Global Median: 34.1
- Your Institution: 15.4

**International Faculty Ratio**
International faculty staff per 100 faculty members

- Global Median: 9.5
- Your Institution: 7.6

**International Students Ratio**
International students per 100 students

- Global Median: 9.6
- Your Institution: 2.4

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**Citations (Normalized)**: 44,221
**Citations (Excluding Self-Citations)**: 44,952
**Citations (Including Self-Citations)**: 56,763
**Papers**: 9,695


Bibliometric data powered by Scopus®
QS World University Ranking: CU 2019-2016

Academic reputation (40%) - 74.5 (2019), 68.9 (2018), 58.6 (2017), 52.3 (2016)
Employer reputation (10%) - 44.9 (2019), 48.1 (2018), 52.3 (2017), 59 (2016)
Citation per Faculty (20%) - 8.7 (2019), 8.9 (2018), 9.8 (2017), 14.2 (2016)
Inter. Students (5%) - 3.3 (2019), 2.7 (2018), 3.7 (2017), 5.5 (2016)
Part 3: Comparison with Benchmarking Universities & Thai University
Comparison with Benchmarking Universities

<table>
<thead>
<tr>
<th>QS WORLD 2019</th>
<th>Score</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>CU #271</td>
</tr>
<tr>
<td>Academic Reputation 40%</td>
<td>58.6</td>
</tr>
<tr>
<td>Employer Reputation 10%</td>
<td>44.9</td>
</tr>
<tr>
<td>Faculty Student 20%</td>
<td>28.1</td>
</tr>
<tr>
<td>Citations per Faculty 20%</td>
<td>8.7</td>
</tr>
<tr>
<td>International Faculty 5%</td>
<td>15.7</td>
</tr>
<tr>
<td>International Students 5%</td>
<td>3.3</td>
</tr>
</tbody>
</table>
Comparison with Benchmarking Universities

- Academic Reputation 40%
- Employer Reputation 10%
- Faculty Student 20%
- Citations per Faculty 20%
- International Faculty 5%
- International Students 5%

Schools:
- NUS #11
- Tokyo #23
- SNU #36
- PKU #30
- UM #87
- CU #271

Percentage scores for each category are shown as bars for each school.
CU vs MU

QS WORLD 2019

<table>
<thead>
<tr>
<th>Category</th>
<th>CU Score</th>
<th>MU Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>Academic Reputation 40%</td>
<td>58.6</td>
<td>35.1</td>
</tr>
<tr>
<td>Employer Reputation 10%</td>
<td>44.9</td>
<td>23.3</td>
</tr>
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<tr>
<td>International Students 5%</td>
<td>3.3</td>
<td>5.5</td>
</tr>
</tbody>
</table>
## Improve Faculty / Student Ratio

The number of full time equivalent teaching staff employed by the University.

<table>
<thead>
<tr>
<th>QS Global World Ranking</th>
<th>Status</th>
<th>Research Output</th>
<th>Total Students</th>
<th>Academic Faculty Staff</th>
</tr>
</thead>
<tbody>
<tr>
<td>#11 NUS</td>
<td>Public</td>
<td>Very High</td>
<td>32,728</td>
<td>5,106</td>
</tr>
<tr>
<td>#23 Tokyo</td>
<td>Public</td>
<td>Very High</td>
<td>27,279</td>
<td>4,514</td>
</tr>
<tr>
<td>#87 Malaya</td>
<td>Public</td>
<td>Very High</td>
<td>17,902</td>
<td>2,755</td>
</tr>
<tr>
<td>#271 CU</td>
<td>Public</td>
<td>High</td>
<td>38,734</td>
<td>2,841</td>
</tr>
<tr>
<td>#380 MU</td>
<td>Public</td>
<td>High</td>
<td>29,010</td>
<td>2,795</td>
</tr>
</tbody>
</table>
Appendix
ประเด็นทางยุทธศาสตร์ที่น่าสนใจ

>> Reputation – Survey (Academic & Employer)

>> Citation

>> การเพิ่มจำนวน อาจารย์ Full-Time โดยเฉพาะ อาจารย์ชาวต่างประเทศ Full-Time ที่จุฬาฯ เป็นผู้จ้างจะช่วยเพิ่มคะแนนด้าน International Faculty ได้อีกด้วย

>> การเพิ่มสัดส่วนให้มี นิสิตต่างชาติ Full-Time ป.ตรี/โท/เอก จะช่วยเพิ่มคะแนนด้าน International Students
Europe is the region with the largest number of institutions featuring in the 2019 QS World University Rankings (391), representing 39.9% of all the institutions considered. Asia-Pacific follows with 270 (26.5%) and US & Canada with 183 (18.1%).

In the 2019 edition, a total of 60 institutions made their first appearance in the rankings. Eastern Europe and the Middle East provided the largest numbers with 13 and 10 new entrants, respectively.
ACADEMIC REPUTATION

83,877
ACADEMIC RESPONDENTS
+12%

1,258,811
ACADEMIC NOMINATIONS
+38%

151
COUNTRIES FEATURED

NUMBER OF INSTITUTIONS NOMINATED BY ACADEMICS

<table>
<thead>
<tr>
<th>Year</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>2018</td>
<td>4,378</td>
</tr>
<tr>
<td>2019</td>
<td>4,764</td>
</tr>
</tbody>
</table>

There has been an increase of almost 9% in the number of institutions nominated by academics globally.
The US, Europe and Australia dominate the Employer Reputation indicator, with particular success in the attraction of international nominations. China, India and Russia are also showcasing solid results but with stronger focus on their national markets.
QS World University Ranking: UM 2019-2016

Academic reputation 40%
Employer reputation 10%
Citation per Faculty 20%
Faculty/Student 20%
Inter. Faculty 5%
Inter. Students 5%

UM 2019 (#87/62.6) 63.9
UM 2018 (#114/60.8) 57.7
UM 2017 (#133/57.1) 32.6
UM 2016 (#146/62.1) 93.5

QS Global World Ranking
# = 87
Status
Public
Research Output
Very High
Total Students
17,902
Academic Faculty Staff
2,755
QS World University Ranking: MU 2019-2016

Academic reputation 40%  Employer reputation 10%  Citation per Faculty 20%  Faculty/Student 20%  Inter. Faculty 5%  Inter. Students 5%

35.1  46.4  45.8  49.6  15.1  5.6
23.3  24.6  26.6  58  10.1  5.8
8.5  7  5.8  7.6  85  9
49.1  32.1  7.6  85  13.5  9

QS Global World Ranking: #380

Status: Public  Research Output: High
Total Students: 29,010  Academic Faculty Staff: 2,795