

# U-MULTIRANK 2021

Chinese Universities in Global Comparison



## U-MULTIRANK 2021

U-Multirank is a unique, multi-dimensional and international ranking of higher education institutions. It compares university performance across teaching and learning, research, knowledge transfer, international orientation and regional engagement. It is the largest and most inclusive ranking showcasing the diversity in higher education around the world. It is not a league table and does not use composite indicators, nor reputation weights. Therefore, there is no one best university in U-Multirank. The performance of a university is presented with individual scores – graded from 'A' (very good) to 'E' (weak) across the different areas.

U-Multirank's 2021 edition presents data on 130 Chinese higher education institutions. For the full list of all universities from China included in U-Multirank, please visit our [website](#).

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## AT A GLANCE: HOW DO CHINESE UNIVERSITIES FARE IN U-MULTIRANK?

- The 2021 edition of U-Multirank presents data on 130 Chinese universities.
- Chinese universities perform strongest in the Regional Engagement dimension, and in research and teaching & learning.
- Chinese universities got 13 nominations in our Global 'Top 25 Performers' lists. Six are among the Top 25 performers in Research Publications (absolute number), three in Open Access Publications.
- The Chinese universities with the highest number of top group positions ('A' scores) are University of Macau (14), Beijing University of Chemical Technology (11) and Tsinghua University (11).



## WHICH ARE THE TOP PERFORMING UNIVERSITIES IN CHINA?

University of Macau received the highest number of 'A' (very good) scores on the institutional level for China in 2021.

In this section we highlight the universities receiving the highest number of 'A' (very good) scores on the institutional level for the respective country.

Although the number of 'A' scores shows top performance for the respective university, it does not imply one university is the 'best' in the country, as each university profile highlights different strengths.

Chinese universities with the highest number of overall top scores in 2021	Total 'A' scores 2021	Total 'A' scores 2020
<a href="#">University of Macau</a>	14 ↑	13
<a href="#">Beijing University of Chemical Technology</a>	11 ↑	9
<a href="#">Tsinghua University</a>	11 ↑	10
<a href="#">Beijing University</a>	9 ↓	10
<a href="#">Fudan University</a>	8 =	8
<a href="#">Hong Kong University of Science and Technology</a>	8 ↑	6
<a href="#">Shanghai Jiao Tong University</a>	8 ↓	9
<a href="#">South China University of Technology</a>	8 =	8
<a href="#">Southeast University</a>	8 ↑	4

The list includes different profiles of institutions: comprehensive universities, as well as business schools and technical universities.

# WHAT ARE THE PERFORMANCE PROFILES OF CHINA TOP SCORING UNIVERSITIES?

Using our unique sunburst chart, a clear picture is shown of the university's overall performance (the longer the bar, the higher the score).



## U-MULTIRANK PRESENTS SUNBURSTS

### PERFORMANCE INDICATORS

<b>TEACHING &amp; LEARNING</b>	1 Bachelor graduation rate 2 Masters graduation rate 3 Graduating on time (Bachelors) 4 Graduating on time (Masters)
<b>RESEARCH</b>	5 External research income 6 Research publications (size-normalized) 7 Art related output 8 Citation rate 9 Topcited publications 10 Interdisciplinary publications 11 Post-doc positions
<b>KNOWLEDGE TRANSFER</b>	12 Income from private sources 13 Co-publications with industrial partners 14 Patents awarded (size-normalized) 15 Industry co-patents 16 Spin-offs 17 Publications cited in patents 18 Income from continuous professional development
<b>INTERNATIONAL ORIENTATION</b>	19 Foreign language bachelor programmes 20 Foreign language master programmes 21 Student mobility 22 International academic staff 23 International doctorate degrees 24 International joint publications
<b>REGIONAL ENGAGEMENT</b>	25 Bachelor graduates working in the region 26 Student internships in the region 27 Regional joint publications 28 Income from regional sources 29 Master graduates working in the region

[www.umultirank.org](http://www.umultirank.org)

\*For a list of definitions and calculations of indicators, see our [Indicator Book](#).

# WHAT DO CHINESE UNIVERSITIES DO BEST?

13 Chinese universities have achieved a global Top 25 score in 2021

## TOP 25 PERFORMING UNIVERSITIES IN RESEARCH PUBLICATIONS

By U-Multirank



In this list we present the U-Multirank 2021 top performers on the indicator 'research publications (absolute numbers)':

The number of publications in academic journals is a measure of the institution's research activity and its capability in producing research publications at the international level. Of course large universities have the potential to produce more publications.

America

11

Europe

5

Asia

8

Australia

1

- Beijing University (China)
- Columbia University (United States)
- Duke University (United States)
- Harvard University (United States)
- Imperial College London (United Kingdom)
- Johns Hopkins University (United States)
- Seoul National University (Korea, Republic Of)
- Shanghai Jiao Tong University (China)
- Stanford University (United States)
- Sun Yat-sen University (China)
- The University of Tokyo (Japan)
- Tsinghua University (China)
- University College London (United Kingdom)
- University of California, Los Angeles (United States)

- University of Cambridge (United Kingdom)
- University of London (United Kingdom)
- University of Melbourne (Australia)
- University of Michigan (United States)
- University of Oxford (United Kingdom)
- University of Pennsylvania (United States)
- University of São Paulo (Brazil)
- University of the Chinese Academy of Sciences (China)
- University of Toronto (Canada)
- University of Washington - Seattle (United States)
- Zhejiang University (China)

\*The list is sorted alphabetically, possible ties are not marked.



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## Globally Top Performing Chinese Universities

In this section, U-Multirank presents the global Top 25 performers in a set of 10 indicators measuring different dimensions of performance. These lists highlight the 25 top-performing universities from around the world with the highest scores.

Chinese universities that have achieved a global Top 25 score are listed under the respective categories:

### Co-publications with industrial partners

- [China University of Petroleum, Beijing](#)
- [China University of Petroleum, Qingdao](#)

### Open access publications

- [China Medical University](#)
- [Guangxi Medical University](#)
- [Third Military Medical University](#)

### Research publications (absolute numbers)

- [Beijing University](#)
- [Shanghai Jiao Tong University](#)
- [Sun Yat-sen University](#)
- [Tsinghua University](#)
- [University of the Chinese Academy of Sciences](#)
- [Zhejiang University](#)

### Top-cited publications

- [Hunan University](#)
- [Shandong University of Science and Technology](#)

\*For the full lists of all global Top 25 performers, please visit our [website](#).

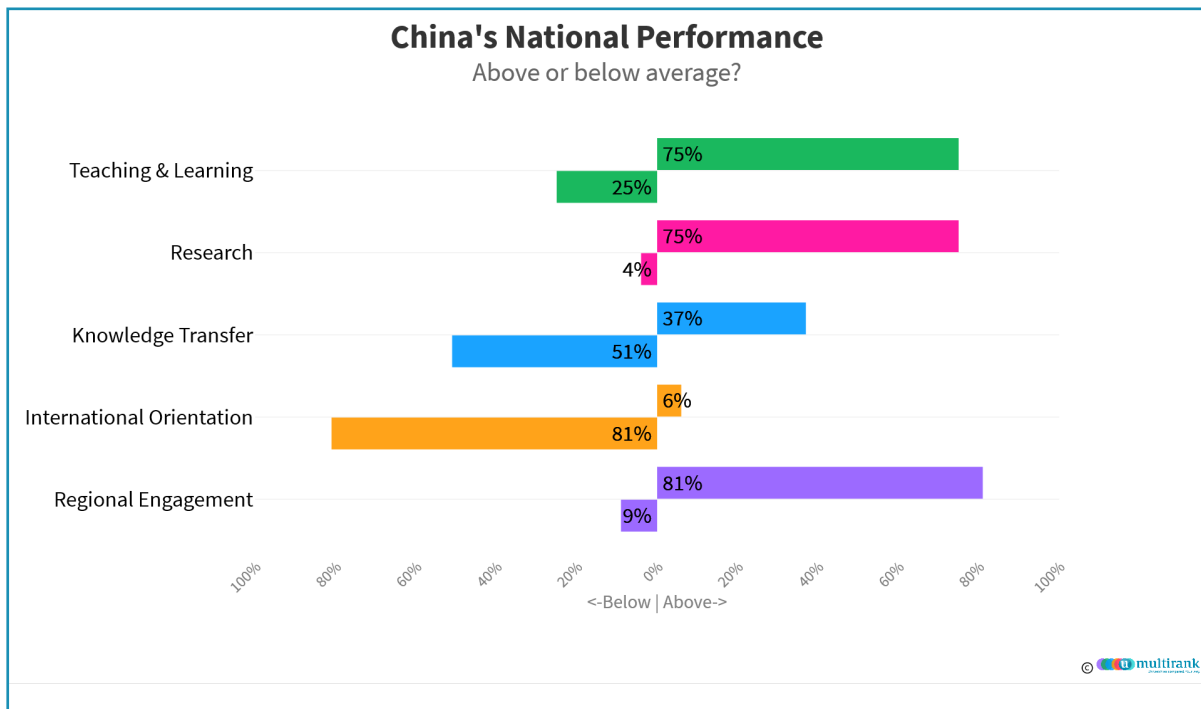
# HOW DO CHINESE UNIVERSITIES PERFORM GLOBALLY?

Chinese higher education institutions perform strongest in U-Multirank's Regional Engagement dimension.

## Above or below average?

In this section we highlight the overall performance of Chinese universities on the institutional level per U-Multirank dimension.

The below table shows the national breakdown of Chinese universities and how they stand across the spectrum of above average (receiving a score of 'A' (very good) or 'B' (good)), or below average (receiving a score of 'D' (below average) or 'E' (weak)). In doing so, U-Multirank offers a clear picture on the countries strengths, and areas for improvement.



# APPENDIX

## DETAILED RESULTS

If you want to analyse further the performance of the universities in your country you can click the following links.

The below links lead directly to the national results pages where we pre-filtered the universities in your country into one list (for the university as a whole and for the subject areas included in U-Multirank so far). You can use the table to produce national rankings (see image below), or for personalised interactive analyses with the data.

If you're interested in tailor-made tables (institutional level, subject level, or with a specific focus in mind, such as internationalisation), please contact us, at [info@umultirank.org](mailto:info@umultirank.org). These links are also accessible via your country's 'Study in' page.

University Your selection: 57 universities										
level of study: bachelor, master Regions: China,										
8 9 2021 dev.umultirank.org										
Teaching & Learning		Research			Knowledge Transfer		International Orientation		Regional Engagement	
Bachelor graduation rate	Graduating on time (masters)	Citation rate	Research publications (size-normalised)	Co-publications with industrial partners	Patents awarded (size-normalised)	Student mobility	International joint publications	Bachelor graduates working in the region	Regional joint publications	
University of Macau CN	A	D	A	A	C	A	B	C	A	D
Beijing University of Chemical Technology CN	-	-	A	A	A	A	-	D	-	A
Chinese University of Hong Kong CN	-	-	A	A	C	A	-	B	-	A
Beijing University of Posts and Telecommunications CN	-	-	B	A	A	A	-	D	-	A
China University of Petroleum, Beijing CN	-	-	B	A	A	A	-	D	-	A
Beihang University CN	-	-	B	A	B	A	-	D	-	A
Beijing University of Technology CN	-	-	B	A	B	A	-	D	-	A

### U-Multirank's National University Rankings 2021-2022 – China

- [Institutional Rankings](#)

- [Pharmacy \(updated\)](#)
- [Psychology \(updated\)](#)
- [Social Work \(updated\)](#)

### U-Multirank's Subject Rankings 2021-2022 – China

- [Agriculture \(NEW\)](#)
- [Veterinary Science \(NEW\)](#)
- [Dentistry \(updated\)](#)
- [Medicine \(updated\)](#)
- [Nursing \(updated\)](#)

\* to view, select the respective study subject, then select either 'filter by country', or 'go straight to the comparison'.

### Press materials:

- [Advanced press release \(includes graphics and tables for download in Appendix\)](#)
- [FAQ](#)
- [Overview Infographic 2021](#)





## WHAT IS U-MULTIRANK?

U-Multirank is a multidimensional, user-driven approach to international ranking of higher education institutions. It compares the performances of higher education institutions – in short: universities – in the five dimensions of university activity:

(1) teaching and learning, (2) research, (3) knowledge transfer, (4) international orientation and (5) regional engagement.

The U-Multirank web tool enables comparisons at the level of the university as a whole and at the level of specific study programmes. Based on empirical data, U-Multirank compares institutions with similar institutional profiles ('like-with-like') and allows users to develop their own personalised rankings by selecting indicators in terms of their own preferences.

Based on the results of a feasibility study covering 150 universities which was carried out in 2010/11, the European Commission decided to fund the implementation of U-Multirank. This roll out is carried out by a consortium led by Professor Frans van Vught of the Center for Higher Education Policy Studies (CHEPS), University of Twente in The Netherlands and Professor Frank Ziegele of the Centre for Higher Education (CHE) in Germany as well as the Centre for Science and Technology Studies (CWTS) from Leiden University and Fundacion CYD. U-Multirank is funded by the European Commission, the Bertelsmann Foundation and Banco Santander. The consortium also works closely with a range of national ranking partners and stakeholder organisations.

The work of the U-Multirank consortium is overseen by an Advisory Board.



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