



## APPENDIX C: RUR Round University Ranking <https://roundranking.com/>

**PURPOSE:** “RUR Rankings is designed as an evaluation system aimed to provide sufficient information about university performance to address stakeholder's personal tasks: students, academic community, university management, policy makers.”

**FOUNDING DATE:** 2013

**AFFILIATION:/LOCATION:** RUR Rankings Agency, Russia

**AVAILABILITY: Earliest Available Online:**2010; **Current Ranking:** 2021, released April 2021

**Title of Ranking:** World University Ranking

**Number of institutions: World ranking** – 869; 1,150 overall; no restrictions on participation

**Countries and Regions:** 74 countries; 10 countries with most universities highlighted; Over 300 in Asia, 128 US, 68 Mainland China, 96 Russia

**Subject Rankings:** Six broad areas

**Data Sources:** Clarivate Institutional Profiles from Clarivate (GIPP); Web of Science Core Collection

### **METHODOLOGY:**

**Terminology:** There are four dimension *Areas* (measured groups), Teaching, Research, International Diversity, and Financial Stability, and 20 indicators with five per group, equally weighted within groups. Most of the metrics are size independent.

#### **1 – Teaching (40%)**

1. Academic staff per students (8%)
2. Academic staff per bachelor degrees awarded (8%)
3. Doctoral degrees awarded per academic staff (8%)
4. Doctoral degrees awarded per bachelor degrees awarded (8%)
5. World teaching reputation (8%)

#### **2 - Research (40%)**

6. Citations per academic and research staff from WOS articles and notes (8%)  
Period of accounting: 2021 uses 2014-2018 for publications; 2014-2019 for citations and 2016 for academic and research staff (8%)
7. Doctoral degrees per admitted PhDs (8%)
8. Normalized citation impact (8%) – Five and six year intervals as in “6” (8%)
9. Papers, including Articles, Notes, and Reviews, per academic and research staff (8%); five years as in “6” (8%)
10. World research reputation (8%)

#### **3 – International Diversity (10%)**

11. Share of international staff based on FTEs (2%)
12. Share of international students at all levels (2%)
13. Share of international co-authored papers using period of accounting in “6” (2%)
14. Reputation outside region (Continent); averages Teaching and Research (2%)
15. International level; the average of 11 - 14 (2%)

#### **4 – Financial Sustainability (10%)-** unique indicator resulting in unique results

16. Institutional income per academic staff -faculty (2%)
17. Institutional income per student (2%)
18. Papers per research income using Accounting period in “6” (2%)

19. Research income per academic and research staff (2%)

20. Research income per institutional income (2%)


**INTERFACE:** Reranking and saving is available for each indicator, area, country, and subject. An early version of Excel is currently in use. Universities are grouped in *Leagues* based on their scores: Diamond, Golden, Silver, Bronze, and Copper by 100s; World Leagues, 501+

Sort by:  
Ranking

World University Ranking

Country

All Countries



Rank  University  Score  Country  Flag  League

RUR can answer the following question: Q: In 2020, what university had the most research income per institutional income in Natural Sciences? A: University of Ibadan, Nigeria

**Table D.1. Rankings by Areas with selected indicators**

<b>Selected Indicators</b>	<b>World</b>	<b>Asia</b>	<b>Oceania</b>
<b>Teaching</b>	<b>Caltech</b>	<b>Indian Inst of Science (5)</b>	<b>Australian Ntl U (235) <sup>1</sup></b>
Academic staff per student	Rockefeller U (2)	U Sci Tech Korea (1)	Massey U NZ(468)
Doctoral degrees bachelor degrees	A.C. Camargo Cancer C BZ	Indian Inst of Science (2)	U Queensland (219)
<b>Research</b>	<b>Harvard</b>	<b>Nanyang Inst Tech (2)</b>	<b>U Adelaide (5)</b>
Doctoral degrees per admitted PhDs	U Plymouth UK (2)	Fujita Health U (1)	Australian Catholic U (5)
Papers per academic and research staff	Harvard	Indian Inst of Science (5)	U Western Australia (3)
<b>International Diversity</b>	<b>École poly fédérale de Lausann</b>	<b>NUS (7)</b>	<b>Australian Ntl U (6)</b>
Share international staff	U Lugano (5)	American U of Sharjah UAE(1)	Curtain U (11)
Share international students	Central European U (3)	Macau U Sci Tech (1)	Auckland U Tech (13)
<b>Financial Stability</b>	<b>Caltech</b>	<b>Pohang (4)</b>	<b>U Queensland (40)</b>
Institutional income per academic staff	Omsk State U RU	Nanjing U Sci Tech (2)	Macquarie U (36)
Research income per institutional income	Lipetsk U RU (3)	U Samarra IQ (1)	Australian Ntl U (90)

2021 Subject rankings are available for Natural (Caltech, Tsinghua (11)) and Technical Science (Oxford, Peking (3)). The subjects will be updated in October-November (email from RUR).

**Interface:** There are separate ranking interfaces for overall, each indicator, subjects by area, and country, indicators by subject and country. Data can be downloaded but an earlier version of Excel is used.

**Table D.2. 2021 RUR World and Asia Rankings**

Rank	World (869)	Asia-Pacific	World Rank	Country
1	Harvard University	Peking University	21	CN
2	California Inst of Technology (Caltech)	Korea Advanced Inst of Science and Technology (KAIST)	22	KR
3	Stanford University	Tsinghua University	27	CN
4	Imperial University	Nanyang Technological University	34	SG
5	Karolinska Institute (SW)	Pohang Inst of Science and Technology (POSTECH)	35	KR
6	Massachusetts Institute of Technology (MIT)	University of Tokyo	41	JP

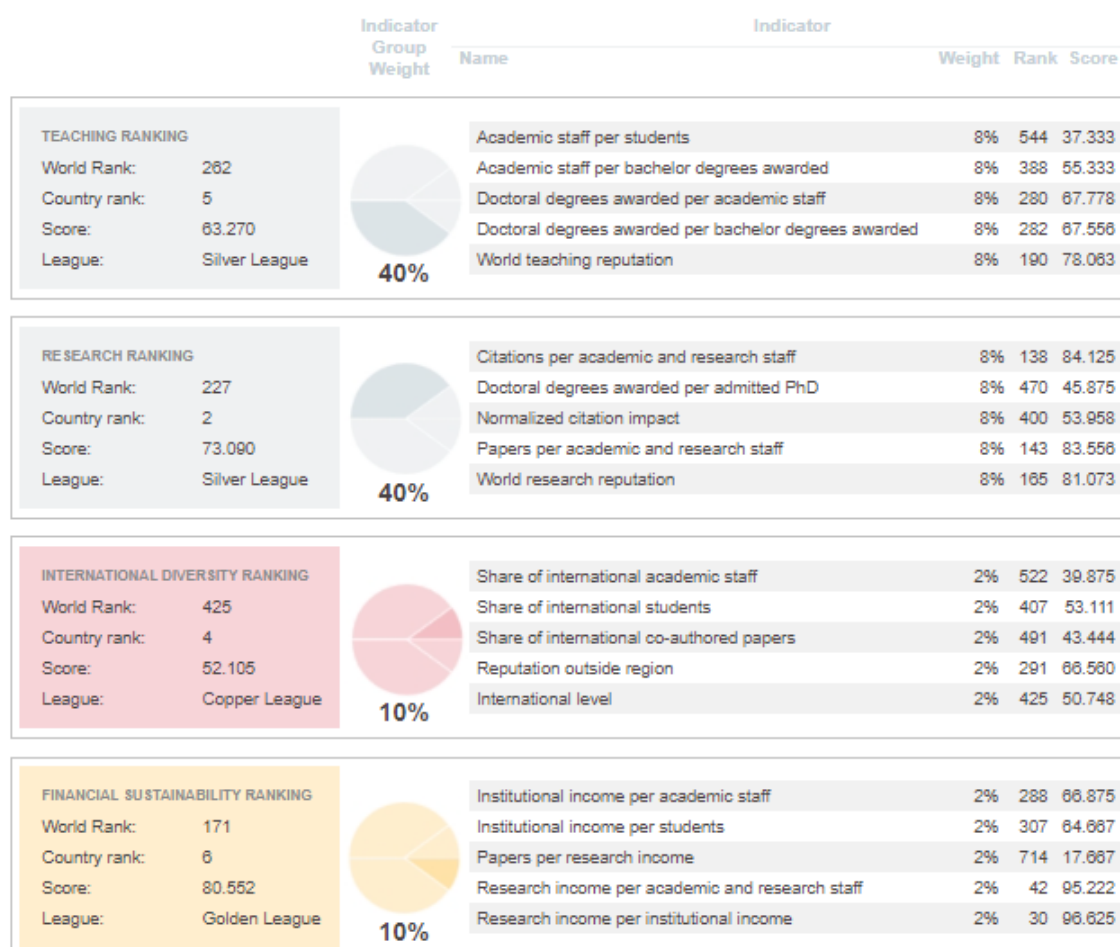
7	University of Oxford	University of Hong Kong	46	HK
8	ETH Zurich (Swiss Federal Institute of Technology)	University of Science and Technology of China	48	CN
9	University of Cambridge	Kyoto University	50	JP
10	Columbia University	Fudan University	59	CN

All RUR top 10 institutions were top 10 in at least one other ranking. Nine more are in top 100, including Indian Institute of Science (61) and Hebrew University (99) plus two from China, Hong Kong, and Japan, and one from Singapore

Oceania: Australian National University (51); University of Sydney (71)

### Example D.1.

**University records online:** Complete data are available for all indicators as shown in the example below:



**CONCLUSION:** I was surprised by the Round University Ranking.

**Advantages** include the transparency of the methodology, the use of size independent metrics and the flexibility of the interface. Financial Stability is a unique area with unique results as seen in Table D.1. above.

Full results are available for each university for each year. All data are derived from Clarivate. A concern is the relatively large number of Russian universities, 95, which is second after the US, at

128. The other top five are China at 65, the UK at 64, and Iraq with 51. Only one Russian university is in the top 100 and over 80 are in the bottom tier of 500+.

IREG Inventory on International Rankings, (19 Mar 2021). pg. 28, <https://ireg-observatory.org/en/wp-content/uploads/2021/03/IREG-Inventory-2021-final-report-2021-03-19.pdf>

RUR Methodology: <https://roundranking.com/about-us.html> and <https://roundranking.co/methodology.html>

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