# World results of Round University Ranking 2016

RUR Rankings Agency announces the release of world university ranking - Round University Ranking (RUR) 2016 edition. This year 700 leading world universities from 74 countries were evaluated by 20 separate indicators across 4 key areas of institutional performance: teaching, research, international diversity and financial sustainability.

RUR Ranking also groups universities by the number of total points in so-called "Leagues" - each of them represents a hundred of institutions. The highest and most prestigious is the Diamond League (rank 1-100), followed by Golden (101-200), Silver (201-300), Bronze (301-400), Copper (401-500) and World (501+) leagues.

The USA remains the undisputed leader in the number of represented universities - 141, which exactly corresponds with the results of four previous years starting from 2013. The second place is taken by the UK with a wide margin - 77 universities. Japan and its 39 universities (compared to 36 the year before) are on the third place. Another Eastern giant takes the fourth place: China is represented by 30 universities compared to 29 in the previous year and 24 in 2014. Current trend highlights and clearly demonstrates the success of China's efforts which are aimed to increase the global competitiveness of its universities and join world rankings. Australia is the fifth leader with 28 represented universities.

# The global TOP 10 of the Diamond League (World TOP-100) that includes 7 American universities and 3 members from the UK is shown below:

- #1. California Institute of Technology (Caltech) USA
- #2. Harvard University USA
- #3. Stanford University USA
- #4. Massachusetts Institute of Technology (MIT) USA
- #5. University of Chicago USA
- #6. Imperial College London UK
- #7. Duke University USA
- #8. Columbia University USA
- #9. University of Cambridge UK
- #10. University of Oxford UK

The world top 100 universities includes a total of 19 countries: the USA (46 universities), the UK (12), Netherlands (6), Canada (4), Germany (4), Japan (4), Australia (3), China (3), France (3), Sweden (3), Switzerland (3), Republic of Korea (2), Denmark (1), Finland (1), Hong Kong (1), Israel (1), Italy (1), Singapore (1), Taiwan (1).

Unlike Overall ranking, the system of RUR Rankings also includes 4 additional rankings by 4 key areas of activities indicated in the beginning. Across all the countries and continents, the USA & the UK still dominate by almost all dimensions.

The Teaching ranking demonstrates that the quality of teaching is the strongest feature of American universities, as they get the  $1^{st}$  place. Japan is on the  $2^{nd}$  place, China gets the  $3^{rd}$  place. The UK is on the  $4^{th}$  place while France gets the  $5^{th}$ .

#### The following universities from the BRICS countries lead by the quality of teaching:

- Brazil, The University of Campinas (#59 in the world)
- India, The Indian Institute of Technology Delhi (#67 in the world)
- China, Peking University (#14 in the world)

• South Africa, University of Cape Town (#279 in the world)

The results of the Research ranking confirm that the USA also leads by the orientation on research and gets the  $1^{st}$  place. The  $2^{nd}$  place goes to the UK,  $3^{rd}$  to Australia, Germany gets the  $4^{th}$  place and Canada is on the  $5^{th}$  place.

The UK gets the  $1^{st}$  place in the International Ranking, which underlines its international diversity. Australia is on the  $2^{st}$  place, the USA gets the  $3^{st}$ , Canada and New Zealand get the  $4^{th}$  and  $5^{th}$  places coordinaly.

The Financial ranking demonstrates the financial sustainability of universities in the compared countries. The USA leads by the dimension, Germany gets the  $2^{ad}$  place, Netherlands are on the  $3^{ad}$  position. The  $4^{ab}$  place goes to Australia and China gets the  $5^{ab}$  place.

# **RUR rankings' key features**

# Authoritative data source

• The data that is used for the ranking is produced and provided by the Institutional Profiles database by Thomson Reuters - one of the most respected source of information on higher education institutions in the world.

# **Balanced methodology**

• Reduced weights of the indicators as compared to other rankings: 8% for 10 indicators of "Teaching" and "Research" fields (both indicators' groups received equal 40%) and 2% for "Internationalization" and "Financial Sustainability".

#### Preciseness

• Each university obtains its unique score with accuracy to 3 decimals as well as a unique position. Current novelty excludes institutional grouping by several dozen that is common for a number of other rankings. Moreover, the repetition of ranks and scores of universities is almost completely eliminated.

#### **Comprehensive analysis**

• An increased number of measuring metrics of universities' activities by 20 indicators. While ARWU and QS measure by 6 indicators, US News use 12 and THE works with the highest number of them all – 13 indicators.

#### Informativeness

• Detailed information on all institutions, which includes user-friendly profiles with ranks and scores on each of 20 indicators and also separate scores on 4 key areas.

#### 5 rankings in 1

• A system of additional rankings, separately held by 4 key areas of measurement, which allows to compare universities not only in general, but also by particular areas of university's activities: teaching, research, international diversity and financial sustainability.

#### Inclusiveness

• Any university in the world can participate in the ranking, free of any limitations.

# **RUR** ranking methodology

Within the system of Round University Ranking the final score and the ranking of each University is based on 20 separate indicators. All 20 RUR indicators are shown in the table below.

Round University Ranking Methodology				
	Teaching	40%		
1	Academic staff per students	8%		
2	Academic staff per bachelor degrees	8%		
3	Doctoral degrees per academic staff	8%		
4	Doctoral degrees per bachelor degrees	8%		
5	Teaching reputation	8%		
	Research	40%		
6	Citations per academic and research staff	8%		
7	Doctoral degrees per admitted PhD	8%		
8	Normalized citation impact	8%		
9	Papers per academic and research staff	8%		
10	Research reputation	8%		
	International Diversity	10%		
11	International academic staff	2%		
12	International students	2%		
13	International co-authored papers	2%		
14	International teaching reputation	2%		
15	International bachelors	2%		
	Financial Sustainability	10%		
16	Institutional income per academic staff	2%		
17	Institutional income per students	2%		
18	Papers per research income	2%		
19	Research income per academic staff	2%		
20	Research income per institutional income	2%		

# **Rankings by dimensional areas**

Apart from the main Overall Ranking, that is calculated basing upon 20 indicators in accordance with the methodology described above, there exists a system of additional ratings in the RUR, which are echoing the main groups of rating indicators:

- Teaching Ranking
- Research Ranking
- International Diversity Ranking
- Financial Sustainability Ranking

Each rating is calculated on the same dataset as the Overall Ranking. The difference is in the number of indicators and their weighting coefficients. In each case the rankings are calculated by 5 indicators by dimension areas, the weight of each is 20%. Schematically, the methodology of these rankings is presented in the table below:

RUR by Dimension areas				
	RUR Teaching	100%		
1	Academic staff per students	20%		
2	Academic staff per bachelor degrees	20%		
3	Doctoral degrees per academic staff	20%		
4	Doctoral degrees per bachelor degrees	20%		
5	Teaching reputation	20%		
	RUR Research	100%		
6	Citations per academic and research staff	20%		
7	Doctoral degrees per admitted PhD	20%		
8	Normalized citation impact	20%		
9	Papers per academic and research staff	20%		
10	Research reputation	20%		
	<b>RUR International Diversity</b>	100%		
11	International academic staff	20%		
12	International students	20%		
13	International co-authored papers	20%		
14	International teaching reputation	20%		
15	International bachelors	20%		
	<b>RUR Financial Sustainability</b>	100%		
16	Institutional income per academic staff	20%		

17	Institutional income per students	20%
18	Papers per research income	20%
19	Research income per academic staff	20%
20	Research income per institutional income	20%

# **About Round University Ranking**

Round University Ranking (RUR) is an international world university ranking which measures performance of 700 leading world universities by 20 unique indicators and 4 key areas of university activities: teaching, research, international diversity, financial sustainability. All raw data for RUR Rankings is provided by an international company Thomson Reuters. The ranking is being published since 2013 by RUR Rankings Agency.

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.

# **About RUR Rankings Agency**

RUR Rankings Agency is a Russian company based in Moscow. The Agency publishes world university ranking - Round University Ranking (RUR) and also offers consulting services for universities to strengthen its competitiveness in higher education sector.

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