Times Higher Education Rankings 2021

Lachyn Italmazova
Regional Director, THE
THE’s Mission

"To help universities understand their market position against their mission. To help students find and access the university best suited to their abilities and aspirations. In doing so, to help higher education deliver transformational teaching, research and innovation."
2021 Rankings

1993 Institutions submitted data  
1527 Institutions from 93 countries/territories ranked

13.6m Research publications included  
86m Citations analysed

22,000 Reputation voters
Publications:

Over previous 5 years, an institution is required to:

- Publish 1,000 or more scholarly articles (Elsevier’s Scopus database)
- Publish 150 or more per year

Be universal:

- Not focused on just one discipline

Level of study:

- Active at undergraduate and postgraduate level
THE DATA FOR THE WORLD UNIVERSITY RANKING

Performance data
Universities (via THE)

Reputation data
Academics (via THE)

Bibliometric data
Academics (via Elsevier)
### ARTS AND HUMANITIES
- Art, Performing Arts & Design (inc. Creative Arts)
- Languages, Literature & Linguistics
- History, Philosophy & Theology (inc. Classics)
- Architecture
- Archaeology

### SOCIAL SCIENCES
- Communication & Media Studies
- Politics & International Studies (inc. Development Studies)
- Sociology (inc. cultural studies, population & anthropology)
- Geography

### BUSINESS AND ECONOMICS
- Business & Management
- Accounting & Finance
- Economics & Econometrics

### CLINICAL, PRE-CLINICAL AND HEALTH
- Medicine & Dentistry
- Other Health (inc. Nursing & Healthcare Services)

### LAW
- Law

### EDUCATION
- Education

### LIFE SCIENCES
- Agriculture & Forestry (inc. food)
- Biological Sciences (inc. biochemistry)
- Veterinary Science (inc. zoology)
- Sports Science

### PHYSICAL SCIENCES
- Mathematics & Statistics
- Physics & Astronomy
- Chemistry
- Geology, Environmental, Earth & Marine Sciences

### ENGINEERING AND TECHNOLOGY
- General Engineering
- Electrical and Electronic Engineering
- Mechanical and Aerospace Engineering
- Civil Engineering (inc. Construction & Materials Science)
- Chemical Engineering

### COMPUTER SCIENCE
- Computer Science

### PSYCHOLOGY
- Psychology
THE Academic Reputation Survey: at a glance

11,554 respondents
From 135 countries

157,500 votes cast
2,500 institutions
ACADEMIC REPUTATION SURVEY

North America: 22%
Western Europe: 25%
Eastern Europe: 11%
Asia Pacific: 33%
Africa: 2%
Middle East: 3%
Latin America: 5%

Percentages may not add up to 100 owing to rounding.
Two substantive questions relate to the World University Rankings:

“Please choose up to [15] institutions in the world (in any order) that you regard as producing the best research within your subject area - please only think about research for this question.”

“Please choose up to [15] institutions in the world (in any order) that you regard as producing the best teaching within your subject area - please only think about teaching for this question.”
Scopus
Is a source-neutral abstract and citation database curated by independent subject matter experts.
CALCULATING CITATIONS

• We want to calculate the average number of citations that a piece of research from an institution receives.

We normalise by:
• Year
• Type of publication
• Subject

• Within each cell we compare a paper to the average

• We average these scores across the university
<table>
<thead>
<tr>
<th></th>
<th>Doctorates to academic staff</th>
<th>Doctorates to bachelor's degrees awarded</th>
<th>Teaching reputation</th>
<th>Income to academic staff</th>
<th>Staff to student ratio</th>
<th>Papers to academic staff</th>
<th>Research income to academic staff</th>
<th>Research reputation</th>
<th>Field Weighted Citations</th>
<th>Industry research income to academic staff</th>
<th>International to domestic staff</th>
<th>International to domestic student</th>
<th>Publications with international author</th>
</tr>
</thead>
<tbody>
<tr>
<td>%</td>
<td>6</td>
<td>2.25</td>
<td>15</td>
<td>2.25</td>
<td>4.5</td>
<td>6</td>
<td>6</td>
<td>18</td>
<td>30</td>
<td>2.5</td>
<td>2.5</td>
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</tr>
<tr>
<td>Relative Staff</td>
<td>Staff</td>
<td>Student body</td>
<td>Staff</td>
<td>Staff</td>
<td>Staff</td>
<td>Papers</td>
<td>Staff</td>
<td>Papers</td>
<td>Staff</td>
<td>Student body</td>
<td></td>
<td></td>
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<tr>
<td>Norm</td>
<td>Z</td>
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<td>Exp</td>
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<td>Yes</td>
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<td>Yes*</td>
<td>Yes</td>
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<td>Yes</td>
<td>Yes</td>
<td></td>
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<td>Yes</td>
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<tr>
<td>PPP</td>
<td>Yes</td>
<td></td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td></td>
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</tr>
</tbody>
</table>
ACCESS TO DATA AND INSIGHTS

DataPoints

Supporting universities with performance analysis and benchmarking

Email data@timeshighereducation.com to request data
BENCHMARKING ANALYSIS

Data Points
How do we assess impact?
Importance of being a sustainable citizen and awareness of the SDGs

80% agree it is important for them to live their lives in a way that is consistent with being a sustainable citizen.

75% have heard of the SDGs.
Highest priority SDGs amongst students

1. No Poverty
2. Zero Hunger
3. Good Health
4. Quality Education
5. Gender Equality
6. Clean Water & Sanitation
7. Affordable & Clean Energy
8. Decent Work & Economic Growth
9. Innovation & Infrastructure
10. Industry, Innovation & Infrastructure
11. Sustainable Cities & Communities
12. Responsible Consumption
13. Climate Action
14. Life below Water
15. Life on Land
16. Peace & Justice
17. Partnerships for the Goals

% top 3 priority SDGs

- No Poverty: 37%
- Zero Hunger: 26%
- Good Health: 33%
The role of universities in achieving the SDGs

<table>
<thead>
<tr>
<th>Statement</th>
<th>Overall agreement (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Universities have an important role to play in achieving the SDGs</td>
<td>79%</td>
</tr>
<tr>
<td>Businesses have an important role to play in achieving the SDGs</td>
<td>77%</td>
</tr>
<tr>
<td>Governments have an important role to play in achieving the SDGs</td>
<td>87%</td>
</tr>
<tr>
<td>Society has an important role to play in achieving the SDGs</td>
<td>87%</td>
</tr>
</tbody>
</table>

- 1 (Strongly disagree)
- 2
- 3
- 4
- 5 (strongly agree)
<table>
<thead>
<tr>
<th>Action</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Assessed the university’s commitment to diversity and inclusion</td>
<td>57%</td>
</tr>
<tr>
<td>Looked at the Times Higher Education Impact Rankings</td>
<td>56%</td>
</tr>
<tr>
<td>Assessed whether the university exhibits ethical conduct</td>
<td>47%</td>
</tr>
<tr>
<td>Assessed whether the university is environmentally friendly</td>
<td>46%</td>
</tr>
<tr>
<td>Assessed whether the university is publicly committed to the Sustainable Development Goals</td>
<td>36%</td>
</tr>
<tr>
<td>None of the above</td>
<td>13%</td>
</tr>
</tbody>
</table>
THE SUSTAINABLE DEVELOPMENT GOALS

17 SDGs
169 Indicators
223 Unique targets

1.7% of GWP
25,000 Universities
FOUR ASPECTS OF THEORY OF CHANGE

Research

Stewardship

Teaching

Outreach

ZERO HUNGER

<table>
<thead>
<tr>
<th>Score</th>
<th>Rank</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

SDG2 Research: 84.3
Student Hunger: 66.6
% grads in agriculture: 75.9
National hunger: 52.0
HOW TO BE EQUITABLE?

• Ease of participation

• Minimise SDGs in submission
  • 17 plus any three others

• Think carefully about metrics

• Listen to input from universities, organisations, and individuals
## EVIDENCE OF ACTIVITIES

### Partnership for the Goals

**Score:** 67.5 out of 300

### SDG17 Research
- **Rank:** 201-222 of 1154 institutions
- **Score:** 82.7

### Relationships to Support the Goals
- **Score:** 67.7

### Publication of SDG Reports
- **Score:** 86.3

### Education for the SDGs
- **Score:** 33.3

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Does your university as a body participate in international collaboration on gathering or measuring data for the SDGs?

<table>
<thead>
<tr>
<th></th>
<th>Exists?</th>
<th>Evidence details...</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Yes / No</td>
<td>Provided, Specificity</td>
</tr>
<tr>
<td>Kadir Has University</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>Vrije Universiteit Amsterdam</td>
<td>Yes</td>
<td>Specific</td>
</tr>
<tr>
<td>Worldwide</td>
<td>84%</td>
<td>28%</td>
</tr>
</tbody>
</table>

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Does your university as a body participate in international collaboration on gathering or measuring data for the SDGs?
How do we calculate the score for evidence?

*International collaboration on gathering or measuring data for the SDGs?*

- **Statement**: 1 point
- **Evidence**: 1 point
- **Evidence is public**: 1 point

Evidence is evaluated for relevance:
- **1 point**: specific
- **0.5 point**: general
- **0pt point**: not relevant

Maximum possible 3pts
• An overall score is created from SDG 17 and the three strongest SDGs for a university
• Universities could submit to as many SDGs as they wished
• Bibliometrics will always represent the same proportion of overall score, regardless of SDGs chosen
Results from Romanian universities
PARTICIPATION FOR 2021: 1240 UNIVERSITIES GLOBALLY
## Romania: 10 universities

World: 1117

### OVERALL RANKING

<table>
<thead>
<tr>
<th>Rank</th>
<th>University name</th>
<th>Country</th>
</tr>
</thead>
<tbody>
<tr>
<td>301–400</td>
<td>University of Bucharest</td>
<td>Romania</td>
</tr>
<tr>
<td>401–600</td>
<td>Babeş-Bolyai University</td>
<td>Romania</td>
</tr>
<tr>
<td>401–600</td>
<td>Bucharest University of Economic Studies</td>
<td>Romania</td>
</tr>
<tr>
<td>401–600</td>
<td>Polytechnic University of Bucharest</td>
<td>Romania</td>
</tr>
<tr>
<td>601–800</td>
<td>Transilvania University of Brașov</td>
<td>Romania</td>
</tr>
<tr>
<td>601–800</td>
<td>Dunarea de Jos University of Galati</td>
<td>Romania</td>
</tr>
<tr>
<td>601–800</td>
<td>George Emil Palade University of Medicine, Pharmacy, Science, and Technology of Targu Mures</td>
<td>Romania</td>
</tr>
<tr>
<td>601–800</td>
<td>Grigore T. Popa University of Medicine and Pharmacy</td>
<td>Romania</td>
</tr>
<tr>
<td>801–1000</td>
<td>USAMV Cluj-Napoca</td>
<td>Romania</td>
</tr>
<tr>
<td>801–1000</td>
<td>Ion Mincu University of Architecture and Urbanism</td>
<td>Romania</td>
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</table>
Romania: 10 universities

World: 966

<table>
<thead>
<tr>
<th>Rank</th>
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<th>Country</th>
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<tbody>
<tr>
<td>1–44</td>
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</tr>
<tr>
<td>101–200</td>
<td>Babeş-Bolyai University</td>
<td>Romania</td>
</tr>
<tr>
<td>101–200</td>
<td>Polytechnic University of Bucharest</td>
<td>Romania</td>
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<tr>
<td>301–400</td>
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<tr>
<td>401–600</td>
<td>Transilvania University of Braşov</td>
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</table>
Romania: 5 universities

World: 871

<table>
<thead>
<tr>
<th>Rank</th>
<th>University name</th>
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<tbody>
<tr>
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<td>Grigore T. Popa University of Medicine and Pharmacy</td>
<td>Romania</td>
</tr>
<tr>
<td>301–400</td>
<td>George Emil Palade University of Medicine, Pharmacy, Science, and Technology of Targu Mures</td>
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<td>Dunarea de Jos University of Galati</td>
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</tr>
<tr>
<td>401–600</td>
<td>University of Bucharest</td>
<td>Romania</td>
</tr>
<tr>
<td>801+</td>
<td>Polytechnic University of Bucharest</td>
<td>Romania</td>
</tr>
</tbody>
</table>
Romanian Universities

<table>
<thead>
<tr>
<th>Rank</th>
<th>University Name</th>
<th>Country</th>
</tr>
</thead>
<tbody>
<tr>
<td>96</td>
<td>USAMV Cluj-Napoca</td>
<td>Romania</td>
</tr>
<tr>
<td>101–200</td>
<td>Transilvania University of Brașov</td>
<td>Romania</td>
</tr>
<tr>
<td>201–300</td>
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</tr>
<tr>
<td>401+</td>
<td>Polytechnic University of Bucharest</td>
<td>Romania</td>
</tr>
</tbody>
</table>

NO POVERTY

<table>
<thead>
<tr>
<th>Score</th>
<th>Rank out of 591</th>
<th>SDG1 research</th>
<th>% financial aid (poverty)</th>
<th>Anti-poverty prog - uni</th>
<th>Anti-poverty prog - community</th>
</tr>
</thead>
<tbody>
<tr>
<td>63.0</td>
<td>96</td>
<td>48.5</td>
<td>72.6</td>
<td>73.3</td>
<td>58.3</td>
</tr>
</tbody>
</table>
In summary:

- Creating a Road Map: establish institution specific KPIs and evaluation practices.

- Further initial steps of becoming research intensive; all academics involved in research, not just teaching, creating a research culture.

- Understand the importance of international co-authorship.

- Reputation strategy development, a product of the high-quality outputs and activities.

- Recognition via increased international recognition, citations and rankings performance.
THANK YOU.

Lachyn Italmazova
Lachyn.italmazova@timeshighereducation.com