

APPENDIX A: Detailed methodology for THE Arab University rankings and QS SDGs

ARAB UNIVERSITY [METHODOLOGY](#):

THE's methodology has five areas and 13 indicators. It adds three indicators and changes one area. Below are the metrics with world percentages in parentheses. The areas are:

Teaching (the Learning Environment) 33%; (30%)

- Teaching reputation 20%; (18%)
- Academic staff-to-student ratio: 4%; (4%)
- Doctorates-awarded-to-undergraduate-degrees-awarded ratio: 2.5%; (2.25%)
- Doctorates-awarded-to-academic-staff ratio: 5%; (6%)
- Institutional income per academic staff: 1.5%; (2.25%)

Research (volume, income, and reputation): 33%; (30%)

- Research reputation: 25%; (18%)
- Research income per academic staff: 3%; (6%)
- Publications per staff: 5%; (6%)

Citations (research influence): 20%; (30%) This metric uses a modified Field Weighted Citation Impact count from the world rankings, using 2016-2020 and citations from 2016 until 2021.

Society (knowledge transfer and impact): 6%; (6%) This metric incorporates rankings for THE's Impact Rankings

- Industry income per academic staff: 2%; (2.5%). This metric is a stand-alone area in the 2021 World rankings
- **Impact Rankings participation: 2%**
- **Impact Rankings performance: 2%**

International outlook (staff, students, research): 8% (7.5%)

- Proportion of international students: 2%; (2.5%)
- Proportion of international staff: 2%; (2.5%)
- International co-authorship: 2%; (2.5%)
- **Collaboration within the Arab world: 2%**

Full

methodology: https://www.timeshighereducation.com/sites/default/files/breaking_news_files/the_2021_arab_university_rankings_methodology.pdf

QS World SDG Rating [Methodology](#) for both categories:

- Total citation count, weighted at 30 percent (a measure of the overall impact of all papers published by an institution in the given SDG field)
- Average per paper FWCI, weighted at 30 percent (a measure of the average relative per paper impact of papers published by an institution in the given SDG field)
- Share of papers in top academic sources, weighted at 40 percent (a further measure of the impact of the research being produced and the visibility it attracts, although it measures the impact of the destination, rather than the paper)

Brief methodology: <https://www.topuniversities.com/university-rankings/world-university-rankings/sustainable-development-goals/methodology>

More complete explanation, <https://www.topuniversities.com/university-rankings/world-university-rankings/sustainable-development-goals>.