

## Methodology

**The Worldwide Professional University Rankings RankPro** methodology is based on a professional evaluation of universities through a comparative analysis of the structural and organizational parameters of the university community, the educational programs offered and their levels, the availability and completeness of information about the university and its capabilities for providing education, leisure, and comprehensive development, and the university's reputation at the national and international levels.

The criteria for professional evaluation have been developed and are constantly being developed within the GWC program based on an analysis of the results of surveys of members of the International Council of Scientists (ICS) - university professors, specialists in higher education with sufficient experience in teaching and research.

The RankPro ranking methodology is based on an assessment of three areas that provide a comprehensive picture of a university:

- The university's academic capabilities – Academic ranking;
- Communicability, accessibility and completeness of information about the university - BC-Index ranking;
- The university's national and international reputation - Public ranking.

As a result of a survey of members of the International Council of Scientists within the framework of the GWC Program, the following values of the contribution of each component to the overall university rating were determined:

- Academic rating – 50%
- BC-Index rating – 25%
- Public rating (reputation) – 25%.

The university rank is determined by summing the contribution of each ranking component, normalized to the maximum value in each area, in the proportion of 50% (Academic Ranking) and 25% (BC-Index Ranking) and 25% (Public Ranking), respectively. Additionally, to improve visibility, RankPro classifies universities by rank in each ranking component into two classes, "A" and "B," with subclasses, "++" and "+," which visually reflect their level in each component.

### RankPro Rating Components

**Academic ranking** — calculated using an algorithm that takes into account the most important parameters of the university's academic field. The following key indicators are used:

- Academic staff per 1000 students 35%, the proportion of professors in its composition 5%. Taking into account the opinions of experts on the structure of academic staff (professors, doctors of science, teachers, assistants, research fellows, scientific publishing activities) in individual cases can change the assessment score by up to 5%.
- The ratio of the number of students at different levels of study. The proportion of postgraduate students 30%, the proportion of doctoral students 10%. Taking into account the opinions of experts on the ratio and diversity of educational programs at different levels in some cases can change the assessment score by up to 5%.
- Internationalization of education and the university community. The share of international students in the total student body 15%, and the share of faculty 5%. Taking into account the opinions of experts on internalization and student and faculty exchanges may, in some cases, change the assessment score by up to 5%.

For classification, the academic rankings of universities are normalized to 100. 100% corresponds to the maximum value of the academic ranking. World classification of academic rankings by classes:

- A++ - universities with an academic rating value of at least 60% of the maximum;
- A+ - universities with an academic rating value of at least 45% of the maximum;
- A - universities with an academic rating value of at least 30% of the maximum;
- B+ - universities with an academic rating value of at least 20% of the maximum;
- B - universities with an academic rating value of less than 20% of the maximum;

**Ranking by BC-Index** - communicability and information availability on a University homepage in Internet. English version of university homepage are evaluated as the most approachable worldwide.

The assessment of the availability of information is carried out in the following categories (50 indicators in total):

- General information, university description – 12 indicators;
- Campuses - amenities and capabilities – 6 indicators;
- Information for university community – 8 indicators;
- Academic information (learning) – 9 indicators;
- Academic information (research) – 8 indicators;
- Communication possibilities – 7 indicators.

The BC Index is determined using a special algorithm. The calculations take into account the importance (weight) of each parameter, which is then assessed on a 10-point scale. The parameter weights are determined based on the results of a survey conducted among members of the International Council of Scientists (ICS).

For classification the BC-Index rankings of universities are normalized to 100. 100% corresponds to the maximum value of the BC-Index ranking. World classification of BC-Index rankings by classes:

- A++ – universities with the value of the BC-Index of at least 80 % of the maximum possible;
- A+ – universities with the value of the BC-Index of at least 65 % of the maximum possible;
- A – universities with the value of the BC-Index of at least 50 % of the maximum possible;
- B+ – universities with the value of the BC-Index of at least 40 % of the maximum possible;
- B – universities with the value of the BC-Index of at least 15 % of the maximum possible;
- no – universities with the value of the BC-Index of less than 15 % of the maximum possible.

**Public ranking** – national and worldwide university reputation. Public ranking is defined by results of the university rankings in national, international ratings, and through a survey of Members of the International Council of Scientists (ICS).

For classification the Public rankings rankings of universities are normalized to 100. 100% corresponds to the maximum value of the Public rankings ranking. World classification of Public rankings rankings by classes:

World classification of Public rankings by classes:

- A++– universities with a total weighted place from 1 to 200;
- A+ – universities with a total weighted place from 201 to 400;
- A – universities with a total weighted place from 401 to 600;
- B+ – universities with a total weighted place from 601 to 800;
- B – universities with a total weighted place from 801 to 1000.