

## RankPro 2021/2022 Methodology

**RankPro** university ranking methodology is based on a comparison of universities and professional assessment by the level of the proposed study programs (degrees), the structure of the university community, the availability and completeness of information about the activities of the university, its capabilities and reputation at the national and international levels.

**RankPro** is a formalized ranking system based on a mathematical calculation of the relation of parameters of the learning process characterizing quality of education and learning environment. Professional evaluation criteria are developed and ranking is carried out by experts of the highest professional qualification in relevant fields - professors of universities, specialists of the highest level of education, who have enough experience in teaching and scientific activities.

According to the methodology, the rating of the university consists of three components that allow you to get a complete picture of the level of the university:

- Academic possibilities of a university - academic ranking;
- Communicability, availability and completeness of information on the home page of the university on the Internet – ranking by BC-Index;
- National and international reputation of the university – public ranking (reputation).

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 ranking are determined:

- Academic ranking – 50%
- Ranking by BC-Index – 25%
- Public ranking (reputation) – 25%

The ranks of the world leading universities are determined by summing the contribution of each component of the ranking, normalized to the maximum value in the component, equal to 50 (academic ranking) or 25 (ranking by BC-Index and public ranking), respectively.

In addition, to increase visibility in RankPro, universities are classified by ranks in each component of the rating into two classes “a” and “b” with subclasses “++” and “+”, which visually reflects their level in each component.

### RankPro components

- **Academic ranking** - is calculated using an algorithm, which takes into account the most important factors of the university academic field. The following basic indicators are used:

- Academic staff per 1000 students 30%, the proportion of professors in its composition - 5%, the opinion of experts on the structure of the academic staff (professors, doctors, lecturers, assistants, researchers, scientific publishing activity) + - 5%
- The ratio of the number of students at different levels of study - the share of postgraduate students is 20%, the share of doctoral students is -20%, the opinion of experts on the ratio and diversity of study programs for students of different levels + - 5%
- internalization of learning and the university community. The share of foreign students in the total number of 20%, faculty 5%, expert opinion on the exchange of students, teachers and the number of regions of cooperation + - 5%

The parameters for each indicator are determined as a result of a survey conducted among members of the International Council of Scientists ICS. The calculations take into account the importance (weight) of each parameter, which, in turn, is assessed on a 10-point scale.

World classification of academic rankings by classes:

- a++ – universities with the value of the academic ranking of at least 60 % of the maximum;
- a+ – universities with the value of the academic ranking of at least 45 % of the maximum;
- a – universities with the value of the academic ranking of at least 35 % of the maximum;
- b+ – universities with the value of the academic ranking of at least 30 % of the maximum;
- b – universities with the value of the academic ranking of at least 15 % of the maximum;
- no – universities with the value of the academic ranking of less than 15 % of the maximum;

For the classification, the academic rankings of universities are normalized to 100.100% - corresponds to the maximum value of the academic ranking

- **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.

"BC-Index" is determined using a special algorithm. Calculations take into account importance (weight) of each parameter (average values) that in turn is being assessed by 10 point scale. Average values of parameters are determined as a result of a survey conducted among members of The International Council of Scientists ICS.

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 70 % of the maximum possible;
- a** – universities with the value of the BC-Index of at least 60 % of the maximum possible;
- b+** – 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;
- no** – universities with the value of the BC-Index of less than 40 % 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.

World classification of Public rankings by classes:

- a++**– universities with a total weighted place from 1 to 100;
- a+** – universities with a total weighted place from 101 to 200;
- a** – universities with a total weighted place from 201 to 300;
- b+** – universities with a total weighted place from 301 to 600;
- b** – universities with a total weighted place from 601 to 1000.