

## RankPro 2019/2020 Methodology

The methodology of the professional ranking of universities is based on comparing universities and professional evaluation by level of proposed training programs (degrees), availability and completeness of information on activities of a university, its capacity and reputation on a national and international levels.

Main task is to determine parameters and ratios needed to assess quality of the learning process and obtained specialist knowledge.

Professional 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.

Professional rating of universities consists of three components:

- **Academic ranking** - academic possibilities of a university.

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 (teachers and researchers including foreigners) and students (domestic and foreign) in the university community - 32%;
- Diversity of education programs for students of different academic degree levels. The ratios of number of students at different levels of study- 32%;
- A ratio of number of foreign students to the total number of students including student exchange and their global representation - 20%;
- A ratio of number of doctoral students to the total number of students - 10%;
- Composition of the academic staff (professors, teachers, assistants, researchers) and the share of professors - 3%
- A ratio of number of professors to the total number of students - 3%.

The parameters for each indicator and their average values are determined as a result of a survey conducted among members of the International Council of Scientists ICS.

Calculations take into account importance (weight) of each parameter (average values) that in turn are being assessed by a 10 point scale.

- **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.

"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.

Evaluation of availability of information was conducted in following categories (a total of 50 indicators):

- 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.

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.

- **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.

- **RankPro**

As a result of the survey between the members of the International Council of Scientists, conducted under the GWC program to compile RankPro 2018/2019, the following values of the contribution of each component in the overall ranking of a university have been obtained:

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

The top leading universities of the world were defined as a general result of adding the contribution of each component of the rating under the GWC program. Universities are classified in terms of ratings obtained in each of the three components RankPro 2019/2020 into two groups "a" and "b" with subclass "+" and "-", which reflects their place in the overall ranking component.