

RankPro 2016/2017

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 taking into account the most important relationship of the university academic field. In RankPro 2016/2017 the next basic relations are used:

Main indicators (total scope 85%):

- Number of graduate students to the number of undergraduate students;
- Total number of students to the number of academic staff and the number of professors;
- Number of foreign students to the total number of students.

Additional indicators (total scope 15%):

- Number of bachelor degree programs to the number of master and doctoral degree programs.
- Number of professors to the total number of students;
- Number of publications to the number of academic staff (learning and research).

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 is determined as a result of a survey conducted among members of the International Council of Scientists ICS.

- **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 49 indicators):

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

- **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 2016/2017, 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 2016/2017 into two class "a" and "b" with subclass "+" and "-", which reflects their place in the overall ranking component.