IAAR/IAAR RATING METHODOLOGY

The main object of the rating study is the education program (BA, MA, Phd) by course areas listed below and subject is quantitative and qualitative indices on key parameters of rating indicators.

The rating is formed using an electronic program for ranking of educational programs, available online, based on the results of verification of the university's supporting documents by the indicators «High concentration of talented students, teachers and researchers», «Academic mobility», «Competitiveness of specialty graduates» available in the cloud, as well as on the basis of data analysis from database in accordance with the indicator of «Competitiveness of specialty graduates».

The IAAR rating methodology includes four indicators, each of which contains from 3 to 5 assessment parameters.



High concentration of talented students, teachers and researchers (25 %)

- ✓ Accreditation of the HEI and educational program (3%)
- ✓ «Altyn Belgi» and educational grants holders (4 %)
- ✓ Prizewinners of the Republican and International Olympiad in the subject (4%)
- ✓ Graduates graduated with honors (4%)
- ✓ Quality full-time teachers (academic degree, laureates of state prizes of the Republic of Kazakhstan, laureates of nominal prizes of the Ministry of Science and Higher Education of the Republic of Kazakhstan, holders of the state scientific scholarships, holders of the "Best University Teacher" of the Ministry of Science and Higher Education of the Republic of Kazakhstan, heads of the scientific grant of the Ministry of Science and Higher Education of the Republic of Kazakhstan, holders of the international scholarship of the President of the Republic of Kazakhstan «Bolashak») (10 %).



Academic mobility (25%)

- ✓ A visiting teacher (professor or PhD) from a foreign country, who gave classes and took an exam in the readable discipline of the basic (BB) or profile (PD) cycle of the specialty (5 %)

✓ A teacher (doctor of sciences, candidate of sciences or PhD) of the main department, who conducted classes at HEIs or research at research centers of far abroad (5 %)

✓ Students from foreign universities studying at this university for a semester (5%)

✓ Students of the specialty who studied for one semester at a HEI in foreign countries (5%)

✓ Joint educational programs with foreign partners in double degree education with the issuance of diplomas (5%)



Competitiveness of specialty graduates (25%)

✓ Number of graduates of the previous period



Competitiveness of scientific publications of teachers, undergraduates and doctoral students in the specialty (25%)

✓ Scientific articles from the last 5 years in publications included in Q1-Q3 of the Web of Science database: (9%)

✓ Publications of teachers, undergraduates and doctoral students in the specialty according to the Hirsch Index of Scopus (9%)

✓ Patents and inventions of teachers, undergraduates and doctoral students in the specialty (7 %).

The **IAAR rating** is formed based on the ranking results of education programs of Kazakhstan HEIs and includes the following types:

✓ General rating of HEIs in Kazakhstan «TOP-20+»

✓ Institutional ranking of HEIs by areas of specialist training

✓ Rating of education programs by levels of BA, MA and PhD

✓ Rating of teachers of HEIs in Kazakhstan «TOP-50».

The general rating of HEIs in Kazakhstan «TOP-20+». This type of rating, based on quantitative scoring methods, was first compiled in 2018 at the request of HEIs. The rating position is determined by totaling scores gained by the HEI based on quality of indicators in accordance with the key parameters of the evaluation indicators for all education programs by areas and levels (BA, MA, PhD) presented by HEI.

Institutional rating of HEIs by areas of specialist training. When estimating the institutional rating of HEIs, the indicators of all study programs levels (BA, MA, PhD) of a certain course areas are summarized. For example, Education or Humanities, etc.

Rating of BA, MA and PhD education programs. This type of rating is formed by summing up scores for each indicator in accordance with the key parameters of indicators, calculated automatically in the electronic program for ranking of education programs at selected levels. For example, BA or MA or PhD.

Rating of individual educational programs of HEI of the Republic of Kazakhstan. In this rating, the educational programs of HEI of the Republic of Kazakhstan are ranked with the same names and codes in accordance with the classifier of the specialty (educational programs) of the Ministry of Science and Higher Education of the Republic of Kazakhstan.

Rating of teachers of HEIs in Kazakhstan «TOP-50». This type of rating is formed by the quality indicators introduced by HEIs according to the key parameters of the indicators for assessing the competitiveness of the BA and PhD educational programs.

Key parameters used to estimate the rating of teachers of higher educational institutions of Kazakhstan «TOR-50»:

✓ Availability of an academic degree (Ph.D., Doctor of Sciences, PhD). Source − Control Committee in the Field of Education and Science of the Ministry of Science and Higher Education of the Republic of Kazakhstan.

✓ Laureate of the State Prize of the Republic of Kazakhstan. Source − the official website of the President of the Republic of Kazakhstan.

✓ Laureate of nominal prizes of the Ministry of Science and Higher Education of the Republic of Kazakhstan (Prizes named after K. Satpayev, Ch.Ch. Valikhanov, Y. Altynsarin, Kul-tegin, D.A. Kunaev, M.O. Auezov). Data source - database of the Ministry of Science and Higher Education of the Republic of Kazakhstan.

✓ holder of a state scientific scholarship

✓ holder of the title "Best University Teacher" Ministry of Science and Higher Education of the Republic of Kazakhstan (data source - base of Ministry of Science and Higher Education of the Republic of Kazakhstan).

✓ Head of the scientific grant of the Ministry of Science and Higher Education of the Republic of Kazakhstan (data source is the base of the Science Committee of the

Ministry of Science and Higher Education of the Republic of Kazakhstan and the website of the National Center for State Scientific and Technical Expertise).

- ✓ holders of the international scholarship of the President of the Republic of Kazakhstan «Bolashak» data source - database of Center for International Programs.
- ✓ Scientific articles from the last 5 years in publications included in Q1-Q3 of the Web of Science database: the availability of the Hirsch index for Scopus (data source − Scopus database)
- ✓ availability of patents and copyright certificates (data source - electronic database of the National Institute of Intellectual Property of the Republic of Kazakhstan – www.kazpatent.kz; www.gosreestr.kazpatent.kz/).