



«АККРЕДИТТЕУ ЖӘНЕ РЕЙТИНГТИҢ  
ТӘУЕЛСІЗ АГЕНТТІГІ» КЕМ

НУ «НЕЗАВИСИМОЕ АГЕНТСТВО  
АККРЕДИТАЦИИ И РЕЙТИНГА»

INDEPENDENT AGENCY FOR  
ACCREDITATION AND RATING

*Addressed  
Accreditation  
the Council of the IAAR*

## **REPORT**

**on the results of the external expert assessment Commission for compliance with the requirements of the standards of specialised accreditation of educational programmes**

**15B071000/6B0710 – «Materials science and technology of new materials»,**

**6M071000/7M07101 – «Materials science and technology of new materials»,**

**5B072800/6B07201 – « Processing technology », 5B012000/6B01402– « Vocational training, art work and graphics » (5B01402 – « Professional education »), 6M012000/7M01402 – «Vocational training, art work and graphics » (6M012000 – « Professional education »)**

**RSE on REM “Sarsen Amanzholov East Kazakhstan state University”**

**from «01» to «03» june 2020 of the year**

**Ust-Kamenogorsk**

**«03» June 2020**



## **REPORT**

**on the results of the external expert assessment Commission for compliance with the requirements of the standards of specialised accreditation of educational programmes**

**15B071000/6B0710 – «Materials science and technology of new materials»,**

**6M071000/7M07101 – «Materials science and technology of new materials»,**

**5B072800/6B07201 – « Processing technology », 5B012000/6B01402– « Vocational training, art work and graphics » (5B01402 – « Professional education »), 6M012000/7M01402 – «Vocational training, art work and graphics » (6M012000 – « Professional education»)**

**RSE on REM “Sarsen Amanzholov East Kazakhstan state University”**

**from «01» to «03» june 2020 of the year**

**Ust-Kamenogorsk**

**«03» June 2020**

**CONTENT**

<b>(I) LIST OF DESIGNATIONS AND ABBREVIATIONS .....</b>	<b>4</b>
<b>(II) INTRODUCTION .....</b>	<b>5</b>
<b>(III) REPRESENTATION OF THE EDUCATIONAL ORGANISATION .....</b>	<b>6</b>
<b>(IV) DESCRIPTION OF THE EEC VISIT .....</b>	<b>7</b>
<b>(V) COMPLIANCE WITH SPECIALISED ACCREDITATION STANDARDS .....</b>	<b>8</b>
5.1 Standard "Management of the educational programme" .....	8
5.2 Standard "Information Management and Reporting" .....	9
5.3 Standard «Development and approval of an educational programme» .....	10
5.4 Standard "On-Going monitoring and periodic review of educational programmes" ....	11
5.5 Standard "Student-centered learning, teaching and performance assessment" .....	13
5.7 Standard «Teaching staff» .....	15
5.8 «Educational resources and support systems for students and undergraduates» .....	17
5.9 Standard «Public Information» .....	18
5.10 Standards in the context of individual specialties .....	18
<b>(VII) REVIEW OF STRENGTHS/ BEST PRACTICES FOR EACH STANDARD .....</b>	<b>19</b>
<b>(VIII) REVIEW OF QUALITY IMPROVEMENT RECOMMENDATIONS .....</b>	<b>20</b>
<b>Appendix 1. Evaluation table "PARAMETERS OF A SPECIALISED PROFILE" .....</b>	<b>22</b>



## (I) LIST OF DESIGNATIONS AND ABBREVIATIONS

**NAAR/IAAR** – "Independent Agency for Accreditation and Rating"

**EKSU** – RSE on REM "Sarsen Amanzholov East Kazakhstan state University"

**RK**– The Republic of Kazakhstan

**MES RK** – Ministry of Education and Science of the Republic of Kazakhstan

**BD**– basic disciplines

**PRS**– point-rating system

**HE**– higher education

**UN**– undergraduate

**MA**– magistracy

**PhD**– doctoral studies

**HES**– higher education institution

**EEC**– external expert committee

**EAAA**– external assessment of academic achievement

**SAC**– State Attestation Commission

**DHPE**– Department of Higher and Postgraduate Education

**DET**– distance education technology

**ICT**– information and communication technology

**IC**– individual curriculum

**SCES**– State compulsory education standards

**SPDE**– State program for the development of education

**IAAR**– Independent Agency for Accreditation and Rating

**RW**– research work

**RA** - regulations

**NQF**– National qualifications framework

**NQS**– National qualifications system

**EP**– educational program

**PTC**– professor-teaching composition

**ECTS** – European system of credit transfer and accumulation

**UMSHE**– Unified management system for higher education

**ESG** – standards and guidelines for quality assurance in the European Higher Education

Area

**EMA REMC**– Educational and methodological association of the Republican educational and methodological Council

## INTRODUCTION

In accordance with order No. -30 / 1-OD dated April 13, 2020 of the Independent Agency for Accreditation and Rating from June 01 to 03, 2020. An external expert commission assessed the conformity of the East Kazakhstan State University named after S. Amanzholova to the standards of the specialized accreditation of the IAAR. The report of the external expert commission (EEC) contains an assessment of the conformity of the activities of the East Kazakhstan State University named after S. Amanzholova criteria of the IAAR, recommendations of the EEC for further improvement and parameters of the university profile.

### **Composition EEC:**

Chairman– Shunkeev Kuanyshbek Shunkeevich, Ph. D., Professor of Aktobe regional state University named after K. Zhubanov (Aktobe).

Expert IAAR/IAAR– Berdenov Zharas Galimzhanovitch, acting associate professor of Eurasian national University named after L.N.Gumiljev EP 5B060800/6B05202 *Ecology*, 5B011600/6B01506 *Geography* (Nur-Sultan, Republic of Kazakhstan).

Expert IAAR/IAAR-Gabdulina Ainur Zhumagazyevna, Ph. D., associate Professor of the Kazakh Agrotechnical University named after S. Seifullin (Nur-Sultan) 5B011400/6B01601 «*History*», 6M020300/7M02202 – «*History*»

Expert IAAR/IAAR-Karimova Gulmira Sarsemkanovna, PhD, senior lecturer of the Abai Kazakh National pedagogical University. (Almaty) 5B011700/6B01701 – «*Kazakh language and literature*», 6M011700/7M01701 – «*Kazakh language and literature*»

Expert IAAR/IAAR-Kulakhmetova Mergul Sabitovna, Ph.D., associate Professor of the Pavlodar State pedagogical University (Pavlodar, Republic of Kazakhstan) 5B011900/6B01703 – «*Foreign language : two foreign languages*», 5B020700/6B02301 – «*Translation studies* »)

Expert IAAR/IAAR-Kunakova Klara Umirzakovna, PhD, Professor of the Abylai Khan Kazakh University of international relations and world languages. (Almaty). 5B010200/6B01301 – «*Pedagogic and preschool methodic*», 5B010300/6B01101 – «*Pedagogic and Psychology*»).

Expert IAAR/IAAR-Mukhametkarimov Yerzhan Sovetbekovich, al-Farabi Kazakh national University (Almaty). 6B071000/6B07101 – «*Material sciences and technology new materials*», 6M071000/7M07101 – «*Material sciences and technology new materials* »).

Expert IAAR/IAAR-Muhanbetkaliev Esbol Esenbayuly, Ph. D., associate Professor of the Kazakh agrotechnical University named after S. Seifullin (Nur-Sultan). /7M02201 – «*Philosophy*»).

Expert IAAR/IAAR - Muchkin Dmitry Pavlovich, associate Professor of the Pavlodar state pedagogical University (Pavlodar). 5B012000/6B01402 – «*Professional study, art and graphic*»/«*Professional study*», 6M012000/7M01402 – «*Professional study, art and graphic*»/«*Professional study* »).

Expert IAAR/IAAR-Omarbekova Aikumis Ilyasovna, Ph. D., associate Professor of L. N. Gumilyov Eurasian national University (Nur-Sultan). 5B010500/6B01901 – «*Defectology* », 5B010100/6B01201 – «*Pre school study and education*»).

Expert IAAR/IAAR- Rakhimov Murat Amanzholovich, Ph. D., associate Professor of the Department of Construction materials and technologies, Karaganda state technical University (Karaganda). EP 5B072800/6B07201 – «*Technology of processing industries*»).

Expert IAAR/IAAR- Toltsbayeva Zhanna Zhenissovna Doctor of philological sciences, professor of Kazakh national academy of choreography (Nur-Sultan), (EP 5B011800/6B01702 – «*Russian language and literature*», 5B050400/6B03201 – «*Journalism* »).

Expert IAAR/IAAR- Natalia Nikolaevna Khan, PhD, Professor of the Abay Kazakh national pedagogical University. (Almaty). 5B050300/6B03101 – «*Psychology*», 5B012300/6B01801 – «*Social pedagogic and self knowledge*»).



Expert IAAR/IAAR-Irina Chidunchi, PhD, associate Professor of S. Toraiyrov Pavlodar state University, Chairman of the Council of young scientists of the Pavlodar region (Pavlodar). «Ecology», 5B073100/6B11201 – «Life safety and environmental protection»).

Expert IAAR/IAAR, Employer- Sadykova Nurzhamal Anuarbekovna, acting Director of Lyceum No. 44 named after Oralkhan Bokey (Ust-Kamenogorsk). EP 5B011800/6B01702 – «Russian language and literature», 5B010300/6B01101 Pedagogic and psychology

Expert IAAR/IAAR, Student- Madina Daniyarova Daniyarkyzy, studying on EP 5B073100- "Life Safety and environmental protection" of D. Serikbayev East Kazakhstan state University (Ust-Kamenogorsk).

Observer from the IAAR/IAAR - Niyazova Guliyash Balkenovna, project manager for the institutional and specialized accreditation of IAAR / IAAR universities (Nur-Sultan).

### **(III) REPRESENTATION OF THE EDUCATIONAL ORGANISATION**

East Kazakhstan State University named after Sarsen Amanzholov (hereinafter - the University), being a subject of the national system of higher professional education in Kazakhstan, is one of the leading educational, scientific, methodological and cultural centers of the Eastern region of the country. The University provides a wide range and high quality of educational services, using new teaching technologies and expanding the research base of the teaching staff of the departments. University graduates are in demand and successfully compete in the employment market; work in various sectors of the economy of the region, Kazakhstan as a whole and foreign countries.

The mission of the university is to ensure the leading role of the University in the international scientific and educational space in the formation of competitive specialists for the innovative development of Kazakhstan.

The vision of the university: in the innovative development of Kazakhstan, the University positions itself as a research and educational center, included in the rating of the best universities in the country and the world.

The university has passed the international certification of the quality management system (certificate dated October 29, 05 DIN EN ISO 9001: 2000, registration number 04115225 issued by the Munich Certification Center). In 2005, 2010, 2015 The university has successfully passed state certification. In 2010, 2014, the Munich Certification Center carried out recertification of the QMS.

The University has introduced and is constantly improving the credit technology of training in all educational programs and forms of training. Education is conducted according to the Bologna process, according to a three-stage model: bachelor's, master's, doctoral studies.

Training in educational programs 6B07101 (5B071000) – Materials science and technology of new materials, 7M07101 (6M071000) - Materials science and technology of new materials, 6B07201 (5B072800) – Processing technology, 6B01402 (5B012000) Vocational training, art work and graphics, 7M01402 (6M012000) Professional training, art work and graphics are carried out on the basis of a state perpetual license (№ 12020617), issued by the Committee for Control in the Sphere of Education and Science of the Ministry of Education and Science of the Republic of Kazakhstan on December 11, 2012.

The contingent of students at the University is 7034 people. For working youth studying in an abbreviated form on the basis of TVE and higher education, since 2010. the educational process is organized using DOT. Education at the university is conducted in the state, Russian and English languages. The University is a member of 7 international Associations, actively participates in international and national ratings of universities and educational programs, occupies a leading position among multidisciplinary universities of the Republic of Kazakhstan.

The quality of educational services of the University has been repeatedly confirmed by the results of various ratings conducted by independent agencies (IAAR, IQAA).

The university fully owns academic resources for the implementation of educational activities in accredited EP. Bachelor's educational program 6B07101 (5B071000) – Materials science and technology of new materials are implemented by 36 full-time teachers, of which the number of full-time teaching staff with academic degrees is 21. The quality of teaching staff for bachelor's degree is 56,76%, for master's degree 7M07101 (6M071000) – Materials science and technology of new materials -100%.

EP 6B07201(5B072800) – Processing technology is implemented by 52 teachers. Of the 50 full-time teachers, 27 have a degree.. The quality of the PPP is 51,92%.

EP 6B01402 (5B012000) – Vocational training, art work and graphics are carried out by 42 university teachers, of which the number of full-time teaching staff with academic degrees is 25. The degree of degree for bachelor's degree is 59.5%, and for master's degree 7M01402 (6M012000) – Профессиональное обучение, художественный труд и графика острепененность составляет 100%.

The objects of professional activity of EP graduates 6B07101 (5B071000) – Materials science and technology of new materials are enterprises of ferrous and non-ferrous metallurgy, machine-building and instrument-making factories, industrial research institutes, research laboratories of higher and secondary technical educational institutions of the Republic of Kazakhstan, such as: "National Nuclear Center of the Republic of Kazakhstan" (Kurchatov), JSC "Ulba Metallurgical Plant", LLP "TechnoAnalit", JSC "Ust-Kamenogorsk Valve Plant", LLP "Kazzinc", etc.

The objects of professional activity of graduates 6B07201(5B072800) – The technology of processing industries are enterprises for the production of processing products (bakery and confectionery products, the dairy industry), elevators, mills, cereal plants, feed mills, pasta and confectionery factories, sugar and starch factories, design institutes, scientific institutions; educational institutions, research laboratories.

The objects of professional activity of graduates 6B01402 (5B012000) – Vocational training, art work and graphics are general education schools, lyceums, gymnasiums, educational and industrial complexes, vocational schools and lyceums, secondary specialized educational institutions.

Personnel training for accredited EP is carried out by the graduating departments of the university - the Department of Physics, the Department of Engineering and Technology.

Training is conducted in the state and Russian languages in full-time.

All teachers have basic education corresponding to the training profile of the declared specialties.

#### **(IV) DESCRIPTION OF THE EEC VISIT**

Visit of the external expert commission to EKSU named after S. Amanzholova was organized in accordance with the program previously agreed with the chairman of the EEC in the period from 01.06.2020 to 03.06.2020.

In accordance with the requirements of the standards, the program of the visit covered meetings with the rector, vice-rectors, heads of structural divisions, deans, heads of departments of the university, teachers, students, alumni, employers and employees from various departments, interviews and questionnaires of teachers and students. A total of 197 peEPle took part in the meetings (table 1).

Table 1 - Information about employees and students who took part in the meetings with the EEC of the IAAR:

<b>Participant category</b>	<b>amount</b>
-----------------------------	---------------

Rector	1
Vice-rector	2
Heads of structural divisions	20
Deans of faculties	3
Heads of departments	9
Teachers	20
Graduates	20
Employers	10
Learners	20
Total	105

Members of the EEC visited computer and multimedia classes, the Scientific Library, DSP "Parasat", Testing laboratory for physical and chemical research, educational laboratories and specialized auditoriums REC "Nazarbayev Tanu", REC "Ziyatker", Central State Pedagogical Institute "Rukhani Zhagyru"). The experts requested and analyzed the working documentation of the university. In particular, the Strategic Development Plan of the East Kazakhstan University named after S. Amanzholova, UMR Plan, Concept of educational work, protocols of the Academic Council, QED, RUE for master's and bachelor's programs, UMKD, syllabuses, etc. Along with this, experts studied the Internet positioning of the university through the official website <http://www.vkgu.kz>.

In accordance with the accreditation procedure, a survey was conducted of 53 teachers, 63 students, including students of junior and senior courses.

Within the framework of the planned program, recommendations for improving the university's activities, developed by the EEC based on the results of the examination, were presented at a meeting with the management on 03.06. 2020.

## **(V) COMPLIANCE WITH SPECIALISED ACCREDITATION STANDARDS**

### **5.1 Standard "Management of the educational programme"**

#### **Evidence part**

In General, the management of accredited EP is carried out in accordance with the mission of the University, the purpose and objectives of the EP. There are those responsible for business processes within the EP, the staff's job responsibilities are adequately distributed, and the EP management system is transparent. Also, the discussion of issues related to the development and development of accredited EP is fully ensured in project committees, which include the head of the EP, managers of the EP, teaching staff responsible for practice, employers and students. The Committee meetings discuss development programs, the content of working curricula, updating the catalog of elective subjects, etc. Employers, students, and teaching staff participate in the formation of the program for the development of the EP.

The University is guided in its activities by the quality policy approved by the Academic Council (25.09.2018) and posted on the website <http://www.vkgu.kz> for access to all interested parties. The implementation and development of accredited programs is determined primarily by the mission and Strategic development plan of EKSU, which are built taking into account the requirements of the educational environment. There are teachers, including managers, who have been trained in educational management programs.



The departments cooperate with manufacturing companies, factories and enterprises of the city and region ("Zashchitinsky Elevator" LLP, "stations of young technicians", "Ust-Kamenogorsk multidisciplinary technological College", "Altai state University", "Technoanalit" LLP, etc.), which are also the bases of students' practices. At the University, after completing various practices, students submit a report and diary to the Department, signed by the head of the practice base.

### ***Analytical part***

The Commission notes that some work has been done on the accredited specialties to strengthen documentation of all the main business processes that regulate the implementation of the EP. However, the Commission notes that certain items of this standard, which are not fully reflected in the self-report, were not confirmed during the visit to the EC. Experts believe that graduate departments should better track the effectiveness of ongoing processes by applying target indicators that allow tracking the effectiveness of EP management. The experts were not able to verify the existence of records demonstrating how the EP's risk analysis and management is carried out. The University does not have a unified theoretical approach to the problem of risk management in the field of education.

Information about the EP management mechanism and changes in this process is not fully reflected on the official website of the University. The information posted on the site does not sufficiently disclose the University's activities in implementing accredited programs at the master's level. There is no implementation of joint educational programs with foreign partner universities.

According to the results of the survey faculty satisfaction with the availability of leadership of the University teachers "very good" of 84.9%, "good" - 15.1%; support of the University and its leadership the development of new educational programs "very good" - for 81.1% "good" - 18.9%; use of own innovation in the learning process "very well" - 77.4%, "good" - 20.7%, "relatively bad" and 1.9%.

### ***Strengths / Best practices:***

- Active participation of employers and teaching staff in the formation of development plans for the EP, as well as annual updating of the content of the EP, taking into account the needs of regional industrial enterprises.

### ***EEC recommendations***

- Constantly analyze and assess risks in the implementation of educational programs with the development of measures to reduce them.

- According to the master's program 7m07101 (6M071000) - materials Science and technology of new materials, take measures to introduce and implement double-degree education with foreign universities.

***According to the standard "Management of the educational program", 17 criteria are disclosed, of which 1 has a strong position, and 16 are satisfactory.***

## **5.2 Standard "Information Management and Reporting"**

### ***Evidence part***

In General, the University successfully implements information management processes, including the collection and analysis of information: there is a Center for information technology and digitalization, which is responsible for information support of the University's activities and the formation of a positive public Opinion about the activities of EKSU through the media, an information site (<http://www.vkgu.kz>), an information and educational portal, as well as a system for supporting the educational process using credit technology "AIS EKSU".

The University has Opened a student service Center "PARASAT", focused on the implementation of the state program "Digital Kazakhstan", the purpose of which is to provide students with administrative and Advisory services on the principle of "one window" based on high standards of service.

Modular educational programs are developed in accordance With the regulation of EKSU 013-19 "on the development of modular educational programs". Reports of heads of structural divisions and questionnaires are used for monitoring the implementation of MOS and implementing corrective actions. The assessment is carried out in all areas of educational, methodical, informational, scientific, educational activities and material and technical support of the educational process. Evaluation of activities is a continuous process and is conducted at meetings of departments, is issued in the form of minutes. Students as consumers of educational services also participate in the evaluation of the EP's activities.

The effectiveness of the quality assurance system is monitored through the examination of methodological support, evaluation of activities and consideration of issues at meetings of collegial bodies. Within the framework of these mechanisms, the effectiveness and efficiency of the implementation of goals and deviations from the set goals are determined.

#### ***Analytical part***

The Commission, having analyzed the materials of information support for accredited EP and notes that the University has an information and reporting management system. Data is stored in electronic and paper format in accordance with the nomenclature of University Affairs.

However, the Commission was not provided with convincing evidence of the involvement of students in the processes of collecting and analyzing information, as well as making decisions based on them.

According to the results of the survey on the assessment of involvement of teachers in the process of making managerial and strategic decisions "very well," answered 66%, "good" and 34%.

#### ***Strengths / Best practices:***

- The existence of a disciplinary Council as a mechanism for resolving conflicts.

#### ***Recommendation of the EEC***

- Involve students in the process of collecting and analyzing information, as well as making decisions based on them.

***According to the standard ""Information Management and reporting"" , 17 criteria are disclosed, of which 1 has a strong position, 16.***

### **5.3 Standard «Development and approval of an educational programme»**

#### ***Evidence part***

Accredited specialties of the University are provided with educational and methodological documentation in accordance with the state educational standards, standard and working curricula. The formation of individual trajectories of the student is carried out with the help of the graduating Department and the office Registrar for each academic year.

The EP is developed in accordance with national and industry qualification frameworks and professional standards. The goals of EP 6B07101 ( 5B071000) – materials Science and technology of new materials, 6B07201(5B072800) - technology of processing industries correlate with the mission of the University, and the structure takes into account the needs of employers.

The development of EP is carried out by faculty members of departments with the active participation of employers, and is considered at meetings of departments, project committees on EP, academic councils of the faculty and University. Accredited courses are based on the modular principle of studying disciplines, have several trajectories, and contain competencies and expected results based on Dublin descriptors. All EP are developed in accordance with the Tupam specialty.

EP 6B07101 (5B071000) - materials Science and technology of new materials contains 2 educational trajectories: "Materials and technologies of nuclear, renewable and electric power" and "Production and quality control of materials in the machine-building and metallurgical industries".

EP 7M07101 – 6M071000) - materials Science and technology of new materials contains 2 educational trajectories: "Nanomaterial science" and "Physical materials science". There are reviews of EP 6B07101 (5B071000) - materials Science and technology of new materials, EP 7M07101 (6M071000) - materials Science and technology of new materials written by doctor of physical and mathematical Sciences, Professor of the Department of General experimental physics of the faculty of physics AND technology of the Altai state University V. A. Plotnikov. and the Director of the LLP respectively your candidate of physico-mathematical Sciences by A. A. Original

There are reviews EP 6B07201(5B072800) – Technology of processing industries give the following leading production engineers of different enterprises of Ust-Kamenogorsk city: Boutin, R. V. - the head of the Elevator too "Zawitoski Elevator"; Gasanova G. Zh. - head of production-technological laboratory "LLP Zawitoski Elevator"; Erkebaev ..With.- the candidate of agricultural Sciences; Rakimbaev E. - Chairman of the Public Association "veterinarians EKR".

According to EP 6B01402 (5B012000) – Professional training, art work and graphics, there are reviews of various educational institutions, in particular "Stations of young technicians", "Ust-Kamenogorsk multidisciplinary technological College".

The management of the EP ensures the participation of students (by questionnaires), teaching staff and employers in the development of the EP and ensuring their quality.

#### Analytical part

The Commission confirms that the content of the EP reflects the purpose of training and corresponds to the expected results. The complex of undergraduate disciplines is aimed at studying the content of education at the appropriate level, while master's programs are focused on the study of the scientific component.

Elective subjects mainly reflect the directions of research activities of departments and the needs of enterprises and research centers. There are acts of implementation of research results of undergraduates in the educational process.

However, experts focus on the lack of joint EP with foreign educational organizations and the low number of students in EP 7M07101 (6M071000) - materials Science and technology of new materials and 7m01402 (6M012000) Professional training, art work and graphics. In addition, there is a low rate of textbooks and teaching AIDS with the stamp of the Ministry of education and science of the Republic of Kazakhstan/UM rooms, as well as teaching AIDS for teaching staff in English.

A survey of students conducted during the visit to the EEC IAAR showed that:

the level of accessibility and responsiveness of the University management is fully satisfied-81%; partially-17.5%; difficult to answer-1.6%; support with educational materials in the learning process is fully satisfied-85.7%, partially-14.3%.

#### **Strengths / Best practices:**

- Compliance of the EP with the goals and results of training, as well as the mission of the University;
- Involvement of external experts in reviewing the EP;
- Participation of students, teaching staff and employers in the development of the EP.

#### **The recommendations of the EEC**

- Consider the possibility of creating joint educational programs with foreign educational organizations;
- Increase the book Fund of the University with teaching AIDS and monographs of teaching staff with the stamp of the MES RK / UMO Rums, as well as teaching AIDS of teaching staff in English.

**According to the standard "Development and approval of the educational program", 12 criteria are disclosed, of which 3 have a strong position, and 9 are satisfactory.**

## **5.4 Standard "On-Going monitoring and periodic review of educational**

## **programmes"**

### ***Evidence part***

The EEC notes that the University provides a review of the content and structure of educational programs with the participation of employers. Analysis of indicators, monitoring and evaluation of educational programs is carried out annually at meetings of departments, Academic and methodological Council of the faculty, as well as the Academic Council of the University.

Feedback and evaluation of results is carried out in the form of a survey of students, graduates, employers to determine the expectations, needs and satisfaction of students and market requirements.

The working curriculum of EP 6B01402 (5B012000) - Professional training, art work and graphics for the 2020-2021 academic year includes the following subjects: "3D modeling and prototyping", "Basics of programming on CNC machines", "design and modeling of sewing products".

In the 2020-2021 academic year, the curriculum of EP 6B07101 (5B071000) - materials Science and technology of new materials includes the minor "experimental methods of synthesis", which contains the disciplines "nuclear magnetic resonance spectroscopy", "x – ray fluorescence analysis", "electron microscPy".

The working curriculum of EP 6B07201 (5B072800) - technology of processing industries for the 2020-2021 academic year includes the following subjects: "Standardization, certification and Metrology", "Fundamentals of patent research and inventions", "organization of marketing in the processing industry", "Improvement of technologies for special-purpose bakery products", "Technological bases of confectionery production", "Innovations in the production of dairy products".

### ***Analytical part***

During a remote meeting of experts with employers, it was found out that employers are actively involved in the work on updating the EP. There are reviews of the EP from employers and other universities.

However, during the monitoring, the HEC was not able to verify the implementation of paragraph 9, according to which the University must promptly inform interested parties about changes in the EP by publishing it on the University's website.

According to the survey of students by informing students about courses, educational programs, and academic degrees are "fully satisfied" -87,3%; information requirements in order to successfully graduate from this specialty "fully satisfied" -84,1%; the level of enforcement of these rules and strategies of the educational program "fully satisfied" - 82,5%.

### ***Strengths / Best practices:***

- EP is updated annually to meet the needs of society and the professional environment.
- Teachers with industrial experience are involved in conducting classes.
- Availability of acts of implementation of research results of undergraduates in the educational process.

### ***The recommendations of the EEC***

- Regularly carry out work on updating educational programs, with timely publication of all changes on the University's website, taking into account The University's Mission and involving all interested parties.

- Reflect on the official website of the University information about the curriculum, educational trajectories in the context of the EP, changes and adjustments to the EP.

- Continue working on improving the content and structure of the EP.

***According to the standard "Continuous monitoring and periodic evaluation of educational programs", 10 criteria are disclosed, of which 3 have a strong position, 6 are satisfactory, and 1 suggests improvements.***



## 5.5 Standard "Student-centered learning, teaching and performance assessment"

### *Evidence part*

In General, the University practices student-centered learning, taking into account the characteristics and needs of students. The University Operates a credit system of training. The volume of undergraduate EP credits is 240 ECTS credits. At the same time, the EP Management ensures equal Opportunities for students, regardless of the language of instruction, to form an individual educational program aimed at developing professional competence. Available students syllabus, of teaching materials, scientific and educational literature, CDS, SRSP consultation and information resources.

As the students noted during the conversation, the management of the EP treats various groups of students with respect and attention. The educational process is carried out using standard teaching methods. All EP disciplines are provided with presentations.

Monitoring of the effectiveness and efficiency of teaching is carried out on the basis of a survey of students. As the results of this survey show, students are satisfied with the quality of education at the University. Monitoring of students 'progress along the educational path is carried out by the " office Registrar " on the basis of a system for evaluating students' results. All academic achievements of students are reflected in the transcript.

In order to improve the quality of the organization and efficiency of the educational process, control the degree of independence of students ' theses (projects), master's theses, all works are checked for plagiarism and certificates are issued indicating the percentage of borrowings.

### *Analytical part*

During the visit, the EC experts found that teaching staff use various training technologies. Also, there is a high share of own research in the field of teaching academic subjects in EP 6B01402 (5B012000)-Professional training, artistic work and graphics, the availability of teaching AIDS.

The University is working at the proper level to implement student-oriented and inclusive education. The University provides an Opportunity to form flexible trajectories depending on the needs of students. The official website of the University has a version for the visually impaired. The University also has a scientific and educational center "Ziyatker". However, not all buildings of the University have an unobstructed environment for people with limited mobility.

During the visit, the EEC experts found that teaching staff use various training technologies. Together with this, EP 6B07101 (5B071000) - the Science and technology of new materials and 6B07201 (5B072800) – Technology of processing industries observed a low proportion of their research in the field of teaching, availability of teaching AIDS with a vulture MES, Rums.

A survey of students conducted during the EEC visit showed that 81% of students were "fully satisfied" with the overall quality of educational programs, and 17.5% were "partially satisfied". 90.5% expressed full satisfaction with the fairness of exams and attestation, and 88.9% of students expressed satisfaction with the tests and examinations conducted.

### *Strengths / Best practices:*

- The use of various forms and methods of teaching and learning, in particular training in the workplace, as well as in well-equipped laboratory facilities of the University.

### *The recommendations of the EEC*

- Systematize organizational work on dissemination in the teaching staff of EP 6B07101 (5B071000) - materials Science and technology of new materials and 6B07201 (5B072800) - technology of processing industries of their own methods of teaching academic disciplines.

*According to the standard "Student-centered learning, teaching and performance assessment", 10 criteria are disclosed, of which 1 has a strong position, 9 - satisfactory.*



## 5.6 Standard "Students"

### *Evidence part*

The EP management demonstrates the policy of forming a contingent of EP students from admission to graduation and ensures transparency of its procedures. The number of students enrolled in accredited programs is shown in tables 2-6.

Table 2. Contingent of students under the terms of training EP *EP 6B07201 (5B072800 – technology of processing industries*

Training conditions	for 05.10.2016	for 05.10.2017	for 05.10.2018	for 05.10.2019
Under the grant	44	114	169	219
On a paid basis	15	14	24	11
Only	59	128	183	228

Table 3. Contingent of students in terms of training EP *6B07101 (5B071000) - materials Science and technology of new materials*

Training conditions	for 05.10.2016	for 05.10.2017	for 05.10.2018	for 05.10.2019
Under the grant	41	43	53	53
On a paid basis	2	2	1	2
Only	43	45	54	55

Table 4. Contingent of students under the terms of training EP *6B01402 (5B012000) - Professional training, art work and graphics*

Training conditions	for 05.10.2016	for 05.10.2017	for 05.10.2018	for 05.10.2019
Under the grant	77	48	48	34
On a paid basis	31	51	79	60
Only	108	99	127	94

Table 5. Contingent of students in terms of training EP *7M07101 (6M071000) - materials Science and technology of new materials*

The learning environment	2018-2019	2019-2020
By grant	5	3
On a paid basis	-	-
Total	5	3

Table 6. Contingent of students under the terms of training EP *7M01402 (6M012000) vocational training, art work and graphics*

The learning environment	2018-2019	2019-2020
By grant	2	3
On a paid basis	-	-
Total	2	3

The University is doing some work to provide Opportunities for academic mobility of students under the "Serpin" program. Undergraduates complete research internships on the basis of agreements concluded with foreign universities. The EP management has created conditions for providing students with high-quality practical training, and the University has signed contracts with enterprises to conduct all types of practical training.

In the course of interviews with employers, the full satisfaction of employers with the quality of knowledge and skills of EP students was confirmed.

The University has created a socio-cultural environment of the University (KDM, student societies, student theater, scientific circles, debate center, sports clubs, etc.) and favorable conditions for personal development, educational events are held, and an action plan for the implementation of the "rukhani zhangyru" program has been developed. The departments have folders of curators and advisors, where all events with the participation of students are recorded.

Students' research results include research papers, competitive papers, and term papers and theses. Students of accredited educational institutions take part in subject Olympiads, participate in University and national competitions of scientific papers. The University has a military Department.

#### *Analytical part*

Experts emphasize that in order to form a contingent of students, the faculty of the Department conducts weak career guidance work with undergraduate graduates. This is evidenced by the low number of undergraduates (table 5-6). There are small groups of master's degree programs 7M07101 (6M071000) - materials Science and technology of new materials (1-2 undergraduates). Two undergraduates studying on a contractual basis were expelled for an unknown reason. Experts suggest that this is due to non-payment for training.

During the reporting period, academic mobility of students is systematically implemented in the master's programs of accredited universities. However, undergraduate academic mobility remains at a low level, which requires attention from the EP management. There are no real results in attracting foreign citizens to the number of students, in developing programs for the adaptation of students, although some work is being done in this direction.

The University has an Association of graduates, however, work in this direction is at an early stage.

The survey showed that 73% are "completely satisfied" with the provision of the hostel, and 14.3% of the surveyed students are "not sure".

#### *Strengths / Best practices:*

- Availability of practice bases, promotion of employment of graduates, maintaining communication with them.
- The presence of a funded start-up projects of students.

#### *The recommendations of the EEC*

- Work to expand cooperation with other educational organizations and national centers of the "European network of national information centers for academic recognition and mobility/National academic information centers for Recognition" ENIC / NARIC in order to ensure comparable recognition of qualifications.
- expand the support mechanism for gifted students.

*According to the standard "Students", 12 criteria are disclosed, of which 2 have a strong position, and 10 are satisfactory.*

### **5.7 Standard «Teaching staff»**

#### *Evidence part*

The departments of "Engineering and technology" and "Physics" provide the implementation of accredited programs. The staff of the departments of engineering and technology includes 8 full-time and 3 internal teachers, including 3 Ph. D., 1 Ph. D. and 3 PhD doctors, the quality is 64%.

The effectiveness and quality of teaching is evaluated by conducting open training sessions, mutual visits, as well as a questionnaire "Teacher through the eyes of a student". The results of these measures serve as the basis for extending the employment contracts of the teaching staff. The management of the EP demonstrates awareness of responsibility for its

employees and providing them with favorable working conditions and changing the role of the teacher in connection with the transition to student-centered learning.

The University has a mechanism for encouraging scientific achievements of teaching staff in the form of a salary Supplement, the amount of which is determined by the annual rating of teaching staff. In addition, there are one-time bonus incentives for teachers for each published article in foreign journals Scopus and WoS.

Teaching staff of the departments of accredited PLO actively conduct research activities, which is confirmed by numerous articles in foreign peer-reviewed journals and patents.

Among the teachers there are winners of Republican competitions, Ph. D. Abylkalykova R. B. and PhD Rakhadilov B. K.-the title "Best University teacher-2018", Zhilkashinova A.M.-the winner of the Republican competition of the MES RK "Made in Kazakhstan" for the best innovative project in the field of energy in 2016, associate Professor Kalitova A. A.-the winner of the medal "for special services" 2017.

The University has established a procedure for attracting practitioners from relevant industries. The following practitioners, teachers of schools in Ust-Kamenogorsk are involved in the departments to perform and implement the EP: Verigin A. A.-Director of "Technoanalit" LLP, Pavlov A.V.-chief engineer of "best Production company" LLP, Kylyshkanov M. K.-head of the scientific center of "UMZ" JSC, Myagkova V. S.-"Vostok-Moloko" LLP, Zharkembaev E. K.-Director of "young technicians Station", Sandybaev K. Zh. - Ust-Kamenogorsk multidisciplinary technological College of the Department of education of the East Kazakhstan region.

#### **Analytical part**

During the visit, the experts found that the teaching staff of departments that implement accredited programs make a certain contribution to the implementation of the University's development strategy and other strategic documents. Faculty members are active in research activities, direct projects GF MES RK. To the question of an anonymous survey "the level of ability of teaching staff to combine teaching with scientific research", teachers answered "very good" - 45.3%, "good" - 52.8 %. Support of the University and its management of research initiatives of the faculty "very good" - 66%, "good" - 34 %. In addition, the PPP rated the level of feedback between the PPP and the management as "excellent" by 71.7%, providing Opportunities for continuous potential development by 83 %. However, the « External Expert Commission » notes that the accredited EP does not have a PhD level (according to EP 6B07201 (5B072800) - technology of processing industries-master's level), which makes it difficult for career Opportunities for young teaching staff. Despite this, the University trains young teachers on the basis of targeted grants. In addition, experts note the low level of academic mobility of teaching staff funded by extra-budgetary funds of the University. The University management should regularly invite foreign professors and / or practitioners to improve the skills of teaching staff.

#### **Strengths / Best practices:**

- Involvement of experienced specialists of industrial enterprises in the educational process, the presence of branches of departments at enterprises.

- The system of incentives for teaching staff is based on the annual rating, as well as material remuneration for individual scientific achievements.

- Involvement of professional-teaching staff EP involvement in society (the role of PTS in education, in science, in the region, creating cultural environment, participation in exhibitions, creative competitions, charity programs, etc.).

#### **The recommendation of the External Expert Commission**

- Increase the level of academic mobility development within the framework of the EP, attracting the best foreign and domestic teachers.

**According to the "Faculty" standard, 12 criteria are disclosed, of which 3 have a strong position, and 9 are satisfactory.**

## **5.8 «Educational resources and support systems for students and undergraduates»**

### ***Evidence part***

The University has sufficient material and technical, information and library resources used to organize the process of training and education of students, as well as to implement the mission, goals and objectives of the University.

The University has created favorable conditions for teaching students, conducting research, publishing research results of faculty, staff and students. The University has a national laboratory for collective use of S. Amanzholov.

There are student support systems, a medical office, a nutrition center, a gym, a library, a hostel, and a Parasat center.

The needs for support of various groups and categories of students are identified through personal meetings of students with the management of the EP, questionnaires of students, as well as through the blog of the University rector.

The University library Fund is formed in accordance with the profile of training specialists. Electronic access to library resources is provided via the University's website page <https://library.vkgu.kz/ru>. The library's book collection is updated annually at the request of the faculty.

There is technological support for students and teaching staff in accordance with educational programs (online library, presentations, information about academic performance, social networks), and Internet access via WiFi transmission is provided in each building.

Assessment of the quality of material, technical and information resources used in the implementation of the EP is carried out by interviewing and questioning students, teaching staff.

### ***Analytical part***

As a result of visual inspection of the objects of the material base by the members, it was noted that the University has all the necessary educational and material assets to ensure the educational process of accredited educational programs. Buildings and structures of the University comply with current sanitary standards and fire safety requirements.

However, not enough attention is paid to planning professional development of teachers External Expert Commission in the methods of teaching special subjects. In addition, the survey of teaching staff conducted during the visit to the University showed that teachers "sometimes" face a lack of technical facilities in the classroom - 34%; lack of Internet access - 34%; unavailability of necessary books in the library - 24.5%. Student satisfaction with computer classes and scientific laboratories-76.2%; provision of students with dormitories-73%; study rooms, classrooms for large groups-79.4%; the level of availability of library resources - 85.7%; quality of student health services-73%; availability of computer classes and Internet resources-76.2%.

### ***Strengths / Best practices:***

- Availability of the necessary material and technical resources and infrastructure for conducting research of students and teaching staff.

### ***The recommendation of the External Expert Commission***

- To work on the acquisition of modern software, subscriptions to foreign scientific online libraries.

- Fully provide the audience with technical training tools for effective work of teaching staff.

***According to the «Educational resources and support systems for students and undergraduates», 10 criteria are disclosed, of which 1 has a strong position, 9 - satisfactory.***



## **5.9 Standard «Public Information»**

### ***Evidence part***

The main channel for informing the public (applicants, their parents, students, graduates and employers) is the official website of the University, and social networks (Instagram, Facebook) are actively used.

Effective feedback with students is provided through the feedback service on the personal pages of students, teaching staff in the educational portal of the University AIS of the University. Students can view the results of the current, intermediate and final control in their personal account. At the end of academic periods, the student receives full information about academic performance in the studied disciplines (transcript).

The University has identified the media for publication-regional Newspapers, television and radio. Publications are informational, image-oriented, and explanatory in nature.

Information for applicants is posted on information boards, stands, banners in the foyer of the University.

Annually held job fairs help graduates and employers to establish contact for the selection of necessary personnel.

### ***Analytical part***

The Commission emphasizes that the management of EKSU, faculty and graduate departments pay attention to informing the public about its activities using various media resources and publications for Newspapers, magazines, radio, and television. An advertising and information booklet is reissued annually, and the University newspaper "Image of EKSU is published. The University holds annual job fairs, which allows graduates and employers to establish contact to select the necessary personnel. Assessment of satisfaction with information about the University's activities, specifics and progress of the implementation of the EP is carried out annually through a questionnaire and a survey of interested persons.

Analysis of the information provided on the site showed that the results of the University's activities are not fully reflected. Information about the expected learning outcomes and the structure of the curriculum for OKP is not reflected, there is no information about teaching staff in the context of departments. External Expert Commission also notes the absence of audited financial statements on the University's website.

The survey of students conducted during the visit to the University of IAAR showed that the satisfaction with students 'awareness of courses, EP, and academic degrees is "fully satisfied" – 87.3%," satisfied " – 7.9%," partially satisfied " – 1.6%," not satisfied "– 1.6% and it is difficult to answer 1.6% of students; informing the requirements for successfully completing this specialty is" fully satisfied " – 84.1%," satisfied " – 14.3%," partially satisfied " - 1.6% of students.

### ***Strong point/best practice***

- Holding "job Fairs" that encourage employment of graduates.

### ***The recommendation of the External Expert Commission***

- Promptly and fully reflect information about interaction with partners within the framework of the EP;

- Ensure that information about the personnel of the teaching staff is posted on the site, as well as its timely update.

***According to the Standard «Public Information», 13 criteria were disclosed, of which 1 has a strong position, 11 - satisfactory and 1 suggests improvements.***

## **5.10 Standards in the context of individual specialties**

### ***Evidence part***



The structure and content of accredited EP are aimed at developing professional competence of students, obtaining theoretical knowledge in the field of psychology, pedagogy, physics and materials science, technology for obtaining and processing various types of products. A set of measures has been taken to meet the requirements for improving the training of students for accredited educational institutions. Monitoring mechanisms and conditions have been developed that allow for successful adjustment of the educational process. The educational process for accredited programs is carried out by annual updating of teaching materials, updating the subject of theses, as well as the introduction of new elective subjects, taking into account the recommendations of employers.

For the purpose of employment and career guidance, communication with graduates is supported by advisors who periodically hold round tables, and the University holds annual job fairs. As a result of such preliminary work, students get an idea of the labor market, existing vacancies and the requirements for them even before graduation. When planning work on employment of graduates accredited by the PLO, feedback is maintained with graduates of the faculty, the contingent of graduates, received suggestions and recommendations from external and internal consumers are taken into account.

#### *Analytical part*

In order to familiarize students with the professional environment and current issues in the field of specialization, as well as to acquire practical skills based on theoretical training, various types of practices are provided: educational, industrial, pre-graduate, research. However, experts note that accredited EP should consider expanding the bases of practices and branches of the Department for accredited EP in order to be able to pass all types of practices, defend theses and master's theses, perform research work of students and organize dual training.

The Commission also emphasizes that in order to attract employers to the educational process in terms of conducting lectures and practical classes, experts recommend considering the possibility of conducting practice-oriented classes and master classes at enterprises.

#### *Strengths / Best practices:*

- The EP programs include disciplines that teach innovative teaching methods and training planning, including interactive teaching methods, teaching methods with high involvement and motivation of students (games, case studies/situations, use of multimedia tools).

#### *The recommendation of the External Expert Commission*

- To consider the possibility of expanding the bases of practices and branches of departments for accredited educational programs in order to be able to pass all types of practices, defend theses and master's theses, perform research work of students and organize dual training.

#### *According to the standard "Standards in the context of individual specialties":*

- in the direction of "Education", 6 criteria were revealed, of which 1 has a strong position, 5 – satisfactory.

- in the direction of "Natural Sciences, agricultural Sciences, technical Sciences, and technologies", 5 criteria were revealed, of which 4 have a strong position, 1 – satisfactory.

### **(VII) REVIEW OF STRENGTHS/ BEST PRACTICES FOR EACH STANDARD**

- Active participation of employers, students and teaching staff in the formation of development plans for the EP, as well as annual updating of the content of the EP to meet the needs of regional industrial enterprises.

- The existence of a disciplinary Council as a mechanism for resolving conflicts.

- Compliance of the EP with the goals and results of training, as well as the mission of the University;

- Involvement of external experts in reviewing the EP;

- Participation of students, teaching staff and employers in the development of the EP.

- EP is updated annually to meet the needs of society and the professional environment.

- Involvement of teachers with industrial experience in conducting classes.
- Availability of acts of implementation of research results of undergraduates in the educational process.
  - The use of various forms and methods of teaching and learning, in particular training in the workplace, as well as in well-equipped laboratory facilities of the University.
  - Availability of practice bases, promotion of employment of graduates, maintaining communication with them.
  - The presence of a funded start-up projects of students.
  - involvement of experienced specialists of industrial enterprises in the educational process, the presence of branches of departments at enterprises.
  - a system of incentives for teaching staff based on the annual rating, as well as material remuneration for individual scientific achievements.
  - EP involvement in society (the role of PTT in education, in science, in the region, creating cultural environment, participation in exhibitions, creative competitions, charity programs, etc.).
  - Availability of the necessary material and technical resources and infrastructure for conducting research of students and teaching staff.
  - Holding "job Fairs" that encourage employment of graduates.
  - The EP programs include disciplines that teach innovative teaching methods and training planning, including interactive teaching methods, teaching methods with high involvement and motivation of students (games, case studies/situations, use of multimedia tools).

#### **(VIII) REVIEW OF QUALITY IMPROVEMENT RECOMMENDATIONS**

In order to further develop and improve the University's activities for the implementation of accredited PLoS based on the conclusions of the report on the results of the work of the External Expert Commission IAAR recommends:

- Constantly analyze and assess risks in the implementation of educational programs with the development of measures to reduce them.
- According to the master's program 7M07101 (6M071000) - materials Science and technology of new materials, take measures to introduce and implement double-degree education with foreign universities.
  - Involve students in the process of collecting and analysing information, as well as making decisions based on them.
  - Consider the possibility of creating joint educational programs with foreign educational organizations;
    - Increase the book Fund of the University with teaching AIDS and monographs of teaching staff with the stamp MES RK / UMO UMS, as well as teaching AIDS of teaching staff in English.
    - Regularly carry out work on updating educational programs, with timely publication of all changes on the University's website, taking into account The University's Mission and involving all interested parties.
    - Reflect on the official website of the University information about the curriculum, educational trajectories, changes and adjustments to the EP.
    - Continue working on improving the content and structure of the EP.
    - Systematize organizational work on dissemination in the teaching staff of EP 6B07101 (5B071000) - materials Science and technology of new materials and 6B07201 (5B072800) - technology of processing industries of their own methods of teaching academic disciplines.
    - Work to expand cooperation with other educational organizations and national centers of the "European network of national information centers for academic recognition and mobility/National academic information centers for Recognition ENIC / NARIC in order to ensure comparable recognition of qualifications.

- Expand the support mechanism for gifted students.
- Increase the level of academic mobility development within the framework of the EP, attracting the best foreign and domestic teachers.
- To work on the acquisition of modern software, subscriptions to foreign scientific online libraries.
- Fully provide the audience with technical training tools for effective work of teaching staff.
- Promptly and fully reflect information about interaction with partners within the framework of the EP;
- Ensure that information about the personnel of the teaching staff is posted on the site, as well as its timely update.
- To consider the possibility of expanding the bases of practices and branches of departments for accredited educational programs in order to be able to pass all types of practices, defend theses and master's theses, perform research work of students and organize dual training.



**Appendix 1. Evaluation table "PARAMETERS OF A SPECIALISED PROFILE"**

**Conclusion of the External Expert Commission on the results of the evaluation of educational programs 6B07101 / 5B071000 - "Materials science and technology of new materials", 7M07101 / 6M071000 - "Materials science and technology of new materials", 6B07201 / 5B072800 - "Technology of processing industries"**

№	№	Criteria for evaluation	Position of the educational organization			
			Strong	Satisfactory	Assumes improvements t	Unsatisfactory
<b>Standard "Management of the educational program"</b>						
1	1	The university must have a published quality assurance policy.		+		
2	2	A quality assurance policy should reflect the link between research, teaching and learning.		+		
3	3	The university should demonstrate the development of a culture of quality assurance, including in the context of EP		+		
4	4	A commitment to quality assurance should apply to any activity carried out by contractors and partners (outsourcing), including in the implementation of joint double-degree education and academic mobility		+		
5	5	The EP management ensures transparency in the development of the EP development plan based on an analysis of its functioning, the actual positioning of the university and its focus on meeting the needs of the state, employers, interested individuals and students.		+		
6	6	EP management demonstrates the functioning of the mechanisms for forming and regularly reviewing the EP development plan and monitoring its implementation, assessing the achievement of learning goals, meeting the needs of students, employers and society, making decisions aimed at continually improving EP		+		
7	7	EP management should involve representatives of stakeholder groups, including employers, students and faculty members, in the formation of the EP development plan.	+			
8	8	EP management must demonstrate the individuality and uniqueness of the EP development plan, its consistency with national development priorities and the development strategy of the educational organization		+		
9	9	The university must demonstrate a clear definition of		+		

		those responsible for business processes, within the framework of the EP, the unambiguous distribution of the duties of the staff, and the delineation of the functions of collegial bodies.				
10	10	EP management must provide evidence of the transparency of the educational program management system.		+		
11	11	EP management must demonstrate the successful functioning of the internal quality assurance system of the EP, including its design, management and monitoring, their improvement, and decision-making based on facts.		+		
12	12	EP management must manage risk		+		
13	13	EP management should ensure the participation of representatives of interested parties (employers, teaching staff, students) in the collegial bodies of the educational program management, as well as their representativeness in making decisions on educational program management		+		
14	14	The university should demonstrate innovation management in the framework of the EP, including the analysis and implementation of innovative proposals.		+		
15	15	EP management should demonstrate evidence of openness and accessibility for students, faculty, employers and other interested parties.		+		
16	16	EP management must be trained in education management programs		+		
17	17	EP management should strive to ensure that the progress made since the last external quality assurance procedure was taken into account in preparation for the next procedure.		+		
<b>Total standard</b>			1	16	0	0
<b>Standard “Information Management and Reporting”</b>						
18	1	The university should ensure the functioning of a system for collecting, analyzing and managing information based on the use of modern information and communication technologies and software.		+		
19	2	EP management must demonstrate the systematic use of processed, adequate information to improve the internal quality assurance system.		+		
20	3	Within the framework of the EP, there should be a system of regular reporting, reflecting all levels of the structure, including an assessment of the effectiveness and efficiency of the departments and departments, scientific research.		+		
21	4	The university should establish the frequency, forms and methods of evaluating the management of EP, the activities of collegial bodies and structural divisions, senior management, and the implementation of scientific projects.		+		



22	5	The university must demonstrate the determination of the order and ensuring the protection of information, including the definition of responsible persons for the accuracy and timeliness of the analysis of information and presentation of data.		+		
23	6	An important factor is the involvement of students, employees and teaching staff in the processes of collecting and analyzing information, as well as making decisions based on them		+		
24	7	EP management should demonstrate the existence of a communication mechanism with students, employees and other interested parties, including the existence of conflict resolution mechanisms.	+			
25	8	The university should provide a measure of the degree of satisfaction of the needs of faculty, staff and students in the framework of the EP and demonstrate evidence of elimination of discovered shortcomings.		+		
26	9	The university should evaluate the effectiveness and efficiency of activities, including in the context of EP		+		
		Information collected and analyzed by the university in the framework of the EP should take into account:				
27	10	key performance indicators;		+		
28	11	academic performance, student achievement, and expulsion;		+		
29	12	students' satisfaction with the implementation of the academic program and the quality of education at the university;		+		
30	13	availability of educational resources and support systems for students		+		
31	14	employment and career growth of graduates		+		
32	15	Students, employees and faculty must document their consent to the processing of personal data		+		
33	16	EP management should facilitate the provision of all necessary information in relevant fields of science.		+		
34	17	The university should ensure the functioning of a system for collecting, analyzing and managing information based on the use of modern information and communication technologies and software.		+		
<b>Total standard</b>			1	16	0	0
<b>Standard "Development and approval of the educational program"</b>						
35	1	The university should determine and document the procedures for the development of EP and their approval at the institutional level.		+		
36	2	EP management should ensure that developed EPs are consistent with established goals, including intended learning outcomes	+			

37	3	EP management should ensure the availability of developed models of the graduate of the EP that describe the learning outcomes and personal qualities		+		
38	4	EP management should demonstrate conducting external expert reviews	+			
39	5	The qualifications obtained upon completion of the EP must be clearly defined, clarified and consistent with a certain level of NSC.		+		
40	6	EP management should determine the impact of disciplines and professional practices on the formation of learning outcomes		+		
41	7	An important factor is the ability to prepare students for professional certification.		+		
42	8	EP management must provide evidence of the participation of students, faculty and other stakeholders in the development of EP, ensuring their quality.	+			
43	9	The complexity of the EP should be clearly defined in Kazakhstan loans and ECTS		+		
44	10	EP management must ensure the content of academic disciplines and learning outcomes of the level of education (bachelor's, master's, doctoral).		+		
45	11	The structure of the EP should provide for various types of activities corresponding to the learning outcomes.		+		
46	12	An important factor is the presence of joint EPs with foreign educational organizations.		+		
<b>Total standard</b>			3	9	0	0
<b>Standard "Continuous monitoring and periodic evaluation of educational programs"</b>						
47	1	The university should conduct monitoring and periodic assessment of the EP in order to ensure the achievement of the goal and meet the needs of students and society. The results of these processes are aimed at continuous improvement of the OP.	+			
		Monitoring and periodic evaluation of the EP should consider: The content of programs in the light of the latest scientific achievements in a particular discipline to ensure the relevance of the taught discipline;				
48	2	Changes in the needs of society and the professional environment;	+			
49	3	The load, performance and graduation of students;		+		
50	4	The effectiveness of student assessment procedures:		+		
51	5	Expectations, needs and satisfaction of students with training in EP;		+		
52	6	Educational environment and support services and their relevance to the goals of the EP;		+		
53	7	The university and the EP management must provide evidence of the participation of students, employers and		+		

		other stakeholders in the revision of the EP.				
54	8	All interested parties should be informed of any planned or taken actions in relation to the EP. All changes made to the OP should be published.		+		
55	9	EP management should ensure that the content and structure of the EP are reviewed taking into account changes in the labor market and the requirements of employers in the social request of the company.			+	
56	10	The university should conduct monitoring and periodic assessment of the EP in order to ensure the achievement of the goal and meet the needs of students and society. The results of these processes are aimed at continuous improvement of the EP.	+			
<b>Total standard</b>			3	6	1	0
<b>Standard “Student-centered learning, teaching, and performance assessment”</b>						
57	1	EP management should ensure respect and attention to various groups of students and their needs, providing them with flexible learning paths.		+		
58	2	EP management should ensure the use of various forms and methods of teaching instruction.		+		
59	3	An important factor is the availability of our own research in the field of teaching methods of educational disciplines of EP.	+			
60	4	EP management should demonstrate the existence of a feedback system for the use of various teaching methods and assessment of learning outcomes		+		
61	5	EP management should demonstrate support for students' autonomy while guiding and assisting the teacher.		+		
62	6	EP management must demonstrate the existence of a procedure for responding to student complaints.		+		
63	7	The university should ensure the consistency, transparency and objectivity of the mechanism for assessing learning outcomes for each academic degree, including an appeal.		+		
64	8	The university must ensure that the procedures for evaluating the learning outcomes of students of EP study meet the planned learning outcomes and program objectives. Evaluation criteria and methods within the framework of the EP should be published in advance.		+		
65	9	The university should determine the mechanisms for ensuring the development of learning outcomes by each graduate of the academic program and ensure the completeness of their formation.		+		
66	10	Evaluators must be proficient in modern methods of assessing learning outcomes and regularly improve their skills in this area.		+		
<b>Total standard</b>			1	9	0	0

Standard "Students"						
67	1	The university should demonstrate a policy for the formation of the contingent of students in the context of EP from admission to graduation and ensure transparency of its procedures. Procedures governing the life cycle of students (from admission to completion) must be defined, approved and published.		+		
68	2	EP management should demonstrate the implementation of special adaptation and support programs for newly arrived and foreign students		+		
69	3	The university must demonstrate the conformity of its actions to the Lisbon Recognition Convention.		+		
70	4	The university should cooperate with other educational organizations and national centers of the European Network of National Information Centers for Academic Recognition and Mobility / National Academic Recognition Information Centers ENIC / NARIC in order to ensure comparable recognition of qualifications		+		
71	5	EP management should demonstrate the existence and application of a mechanism for recognizing the results of academic mobility of students, as well as the results of additional, formal and non-formal learning	+			
72	6	The university must provide an opportunity for external and internal mobility of studies. EP, as well as assist them in obtaining external grants for training.		+		
73	7	EP management should make every effort to provide students with places of practice, facilitate the employment of graduates, and maintain contact with them.	+			
74	8	The university should provide graduates of the educational program with documents confirming the qualifications obtained, including the results of training, as well as the context, content and status of the education and evidence of its completion.		+		
75	9	An important factor is monitoring the employment and professional activities of graduates, EP.		+		
76	10	EP management should actively encourage students to self-education and development outside the main program (extracurricular activities).		+		
77	11	An important factor is the existence of an active association of graduate associations		+		
78	12	An important factor is the availability and support mechanism of gifted students.		+		
<b>Total standard</b>			2	10	0	0
Standard "Faculty"						
79	1	The university should have an objective and transparent personnel policy, including in the context of EP, including hiring, professional growth and staff development, ensuring the professional competence of the entire staff.		+		

80	2	The university should demonstrate the compliance of the staff potential of the teaching staff with the development strategy of the university and the specifics of the academic program.		+		
81	3	EP management should demonstrate awareness of responsibility for its employees and ensure favorable working conditions for them.		+		
82	4	EP management should demonstrate a change in the teacher's role in connection with the transition to student-centered learning.		+		
83	5	The university should determine the contribution of faculty staff to the implementation of the development strategy of the university, and other strategic documents.		+		
84	6	The university should provide opportunities for career growth and professional development of faculty staff.		+		
85	7	EP management should involve practitioners in the relevant industries.	+			
86	8	EP management should provide targeted action to develop young teachers.	+			
87	9	The university should demonstrate motivation for the professional and personal development of teachers of EP, including encouraging the integration of scientific activity and education, as well as the use of innovative teaching methods	+			
88	10	An important factor is the active use of the faculty of information and communication technologies in the educational process. (e.g. on-line training, e-portfolio, MEP, etc.)		+		
89	11	An important factor is the development of academic mobility in the framework of EP, the involvement of the best foreign and domestic teachers.		+		
90	12	An important factor is the involvement of teaching staff in public life (the role of teaching staff in the educational system, in the development of science, the region, the creation of a cultural environment, participation in exhibitions, creative contests, charity programs, etc.).		+		
<b>Total standard</b>			3	9	0	0
<b>Standard "Educational resources and support systems for students and undergraduates "</b>						
91	1.	EP management must demonstrate the adequacy of material and technical resources and infrastructure.	+			
92	2.	EP management should demonstrate the existence of support procedures for various groups of students, including information and counseling.		+		
		EP management must demonstrate compliance of information resources with the specifics of the EP, including compliance with:				



93	3.	library resources, including a fund of educational, methodological and scientific literature on general education, basic and majors in paper and electronic media, periodicals, access to scientific databases;		+		
94	4.	examination of the results of research, final works, dissertations on plagiarism		+		
95	5.	Access to educational Internet resources		+		
96	6.	The functioning of WI-FI in the territory of the educational organization.		+		
97	7.	The university should strive to ensure that the educational equipment and software used to master educational programs are similar to those used in the relevant industries.		+		
98	8.	The university must ensure compliance with safety requirements in the learning process.		+		
99	9.	The university should strive to take into account the needs of various groups studying in the context of EP (adults, workers, foreign students, as well as students with disabilities).		+		
100	10.	EP management must demonstrate the adequacy of material and technical resources and infrastructure.		+		
<b>Total standard</b>			1	9	0	0
<b>Standart «Public Information»</b>						
		The information published by the University within the framework of the EP must be accurate, objective, and up-to-date and must include: Implemented programs, indicating the expected learning outcomes;				
101	1.	Information about the possibility of awarding a qualification at the end of the EP;		+		
102	2.	Information about teaching, training, and evaluation procedures;		+		
103	3.	Information about passing points and educational opportunities provided to students;		+		
104	4.	Information about graduate employment opportunities.		+		
105	5.	The management of the EP should use a variety of ways to disseminate information, including the media, information networks to inform the General public and interested persons		+		
106	6.	public awareness should include support and explanation of the country's national development programs and the system of higher and postgraduate education.		+		
107	7.	The University must publish audited financial statements on its own web resource, including in the context of EP.		+		
108	8.	The University must demonstrate the reflection on the web resource of information that characterizes the University as a whole and in the context of EP.		+		

109	9.	An important factor is the availability of adequate and objective information about teaching EP, in the context of personalities.		+		
110	10.	An important factor is to inform the public about cooperation and interaction with partners within the framework of the EP, including scientific consulting organizations, business partners, social partners and public organizations			+	
111	11.	The University should post information and links to external resources based on the results of external evaluation procedures.		+		
112	12.	An important factor is the participation of the University and implemented EP in a variety of external evaluation procedures.		+		
113	13.	The information published by the University within the framework of the EP must be accurate, objective, and up-to-date and must include: Implemented programs, indicating the expected learning outcomes;		+		
<b>Total standard</b>			1	11	1	0
<b>Standards in the context of individual specialties</b>						
<b>EDUCATION</b>						
		The management of the EP must demonstrate that graduates of the program have theoretical knowledge in the field of psychology and skills in communication, analysis of personality and behavior, methods for preventing and resolving conflicts, and motivation of students:				
114	1.	The management of the EP must demonstrate the literacy of graduates of the program in the field of information technology.				
115	2.	The management of the EP must demonstrate the availability of disciplines that teach in. teaching methods and training planning, including interactive teaching methods, teaching methods with high involvement and motivation of students (games, case studies/situations, multimedia tools)				
116	3.	The EP management must demonstrate that students have the ability to teach self-learning skills				
117	4.	The EP should focus on different types of practices: - attending lectures and classes held by teachers; - conducting special seminars and discussions on the latest teaching methodologies and technologies; - within the framework of the program, students must have the opportunity to attend at least one discipline in their field of specialization taught by a practitioner				
118	5.	Within the framework of the EP, students should be provided with knowledge and skills of systems and methods of pedagogy in the world, as well as knowledge in the field of education management.				

119	6.	The management of the EP must demonstrate that graduates of the program have theoretical knowledge in the field of psychology and skills in communication, analysis of personality and behavior, methods for preventing and resolving conflicts, and motivation of students:				
<b>Total standard</b>						
<b>SOCIAL SCIENCES, HUMAN SCIENCES, ECONOMY, BUSINESS AND LAW, SERVICES</b>						
		EP management should demonstrate that teaching within the program is based on modern achievements of world science and practice in the field of specialization, as well as using modern advanced teaching methods				
120	1.	EP management should guarantee students access to the most up-to-date and relevant data (statistics, news, scientific results) in the field of specialization in paper (newspapers, statistical data collections, textbooks) and electronic media				
121	2.	Objectives, respectively, the learning outcomes should be aimed at students obtaining specific skills that are in demand on the labor market				
122	3.	EP management must demonstrate that graduates of the program possess these skills and that these skills are truly in demand in the labor market				
123	4.	EP should include a significant number of disciplines and activities aimed at students gaining practical experience in applying theoretical knowledge, such as industrial practice, training at enterprises, participation in lectures and seminars of practicing specialists, etc.				
124	5.	EP management should demonstrate analysis of the labor market and provide examples of successful employment of graduates				
125	6.	EP management should demonstrate that teaching within the program is based on modern achievements of world science and practice in the field of specialization, as well as using modern advanced teaching methods				
<b>Total standard</b>						
<b>NATURAL SCIENCES, AGRICULTURAL SCIENCES, TECHNICAL SCIENCES, AND TECHNOLOGIES</b>						
		Educational programs in the areas of "Natural Sciences", "Technical Sciences and Technologies", such as "Mathematics", "Physics", "Information Systems", etc., must meet the following requirements:				
126	1.	In order to familiarize students with the professional environment and current issues in the field of specialization, as well as to acquire skills based on theoretical training, the educational program should include disciplines and activities aimed at gaining practical experience and skills in the specialty in general and in the major disciplines in particular, including: - excursions to enterprises in the field of specialization	+			

		(factories, workshops, research institutes, laboratories, training and experimental farms, etc.), - conducting individual classes or entire disciplines at the enterprise of specialization, - holding seminars to solve practical problems relevant for enterprises in the field of specialization, etc.				
127	2.	The faculty involved in the education program should include full-time teachers with long-term experience as full-time employees in enterprises in the area of specialization of the education program.		+		
128	3.	The content of all EP disciplines should be based in one way or another and include a clear relationship with the content of fundamental natural sciences, such as mathematics, chemistry, physics.	+			
129	4.	EP management should provide measures to strengthen practical training in the field of specialization.	+			
130	5.	EP management must provide training for students in the use of modern information technologies.		+		
<b>Total standard</b>			3	2	0	0
<b>TOTAL</b>			19	109	2	0

**5B012000/6B01402 - "Professional training, art work and graphics" (5B012000 – "Professional training"), 26M012000/7M0140 – " Professional training, art work and graphics»  
(6M012000 - " Professional training»)**

№	№	Criteria for evaluation	Position of the educational organization			
			Strong	Satisfactory	Assumes improvements	Unsatisfactory
<b>Standard «Management of the educational program»</b>						
1	1.	The university must have a published quality assurance policy.		+		
2	2.	A quality assurance policy should reflect the link between research, teaching and learning.		+		
3	3.	The university should demonstrate the development of a culture of quality assurance, including in the context of EP		+		
4	4.	A commitment to quality assurance should apply to any activity carried out by contractors and partners (outsourcing), including in the implementation of joint double-degree education and academic mobility		+		



5	5.	The EP management ensures transparency in the development of the EP development plan based on an analysis of its functioning, the actual positioning of the university and its focus on meeting the needs of the state, employers, interested individuals and students.		+		
6	6.	EP management demonstrates the functioning of the mechanisms for forming and regularly reviewing the EP development plan and monitoring its implementation, assessing the achievement of learning goals, meeting the needs of students, employers and society, making decisions aimed at continually improving EP		+		
7	7.	EP management should involve representatives of stakeholder groups, including employers, students and faculty members, in the formation of the EP development plan.	+			
8	8.	EP management must demonstrate the individuality and uniqueness of the EP development plan, its consistency with national development priorities and the development strategy of the educational organization		+		
9	9.	The university must demonstrate a clear definition of those responsible for business processes, within the framework of the EP, the unambiguous distribution of the duties of the staff, and the delineation of the functions of collegial bodies.		+		
10	10.	EP management must provide evidence of the transparency of the educational program management system.		+		
11	11.	EP management must demonstrate the successful functioning of the internal quality assurance system of the EP, including its design, management and monitoring, their improvement, and decision-making based on facts.		+		
12	12.	EP management must manage risk		+		
13	13.	EP management should ensure the participation of representatives of interested parties (employers, teaching staff, students) in the collegial bodies of the educational program management, as well as their representativeness in making decisions on educational program management		+		
14	14.	The university should demonstrate innovation management in the framework of the EP, including the analysis and implementation of innovative proposals.		+		
15	15.	EP management should demonstrate evidence of openness and accessibility for students, faculty, employers and other interested parties.		+		
16	16.	EP management must be trained in education management programs		+		
17	17.	EP management should strive to ensure that the progress made since the last external quality assurance procedure was taken into account in preparation for the next		+		

		procedure.				
<b>Total standard</b>			1	16	0	0
<b>Standard «Information Management and Reporting»</b>						
18	1	The university should ensure the functioning of a system for collecting, analyzing and managing information based on the use of modern information and communication technologies and software.		+		
19	2	EP management must demonstrate the systematic use of processed, adequate information to improve the internal quality assurance system.		+		
20	3	Within the framework of the EP, there should be a system of regular reporting, reflecting all levels of the structure, including an assessment of the effectiveness and efficiency of the departments and departments, scientific research.		+		
21	4	The university should establish the frequency, forms and methods of evaluating the management of EP, the activities of collegial bodies and structural divisions, senior management, and the implementation of scientific projects.		+		
22	5	The university must demonstrate the determination of the order and ensuring the protection of information, including the definition of responsible persons for the accuracy and timeliness of the analysis of information and presentation of data.		+		
23	6	An important factor is the involvement of students, employees and teaching staff in the processes of collecting and analyzing information, as well as making decisions based on them		+		
24	7	EP management should demonstrate the existence of a communication mechanism with students, employees and other interested parties, including the existence of conflict resolution mechanisms.	+			
25	8	The university should provide a measure of the degree of satisfaction of the needs of faculty, staff and students in the framework of the EP and demonstrate evidence of elimination of discovered shortcomings.		+		
26	9	The university should evaluate the effectiveness and efficiency of activities, including in the context of EP		+		
	10	Information collected and analyzed by the university in the framework of the EP should take into account:				
27	11	key performance indicators;		+		
28	12	academic performance, student achievement, and expulsion;		+		
29	13	students' satisfaction with the implementation of the academic program and the quality of education at the university;		+		
30	14	availability of educational resources and support systems for students		+		

31	15	employment and career growth of graduates		+		
32	16	Students, employees and faculty must document their consent to the processing of personal data		+		
33	17	EP management should facilitate the provision of all necessary information in relevant fields of science.		+		
34	18	The university should ensure the functioning of a system for collecting, analyzing and managing information based on the use of modern information and communication technologies and software.		+		
<b>Total standard</b>			1	16	0	0
<b>Standard «Development and approval of educational programs»</b>						
35	1	The university should determine and document the procedures for the development of EP and their approval at the institutional level.		+		
36	2	EP management should ensure that developed EPs are consistent with established goals, including intended learning outcomes	+			
37	3	EP management should ensure the availability of developed models of the graduate of the EP that describe the learning outcomes and personal qualities		+		
38	4	EP management should demonstrate conducting external expert reviews	+			
39	5	The qualifications obtained upon completion of the EP must be clearly defined, clarified and consistent with a certain level of NSC.		+		
40	6	EP management should determine the impact of disciplines and professional practices on the formation of learning outcomes		+		
41	7	An important factor is the ability to prepare students for professional certification.		+		
42	8	EP management must provide evidence of the participation of students, faculty and other stakeholders in the development of EP, ensuring their quality.	+			
43	9	The complexity of the EP should be clearly defined in Kazakhstan loans and ECTS		+		
44	10	EP management must ensure the content of academic disciplines and learning outcomes of the level of education (bachelor's, master's, doctoral).		+		
45	11	The structure of the EP should provide for various types of activities corresponding to the learning outcomes.		+		
46	12	An important factor is the presence of joint EPs with foreign educational organizations.		+		
<b>Total standard</b>			3	9	0	0
<b>Standard « Continuous monitoring and periodic evaluation of educational programs»</b>						

47	1	The university should conduct monitoring and periodic assessment of the EP in order to ensure the achievement of the goal and meet the needs of students and society. The results of these processes are aimed at continuous improvement of the OP.	+			
		Monitoring and periodic evaluation of the EP should consider: The content of programs in the light of the latest scientific achievements in a particular discipline to ensure the relevance of the taught discipline;				
48	2	Changes in the needs of society and the professional environment;	+			
49	3	The load, performance and graduation of students;		+		
50	4	The effectiveness of student assessment procedures:		+		
51	5	Expectations, needs and satisfaction of students with training in EP;		+		
52	6	Educational environment and support services and their relevance to the goals of the EP;		+		
53	7	The university and the EP management must provide evidence of the participation of students, employers and other stakeholders in the revision of the EP.		+		
54	8	All interested parties should be informed of any planned or taken actions in relation to the EP. All changes made to the OP should be published.		+		
55	9	EP management should ensure that the content and structure of the EP are reviewed taking into account changes in the labor market and the requirements of employers in the social request of the company.			+	
56	10	The university should conduct monitoring and periodic assessment of the EP in order to ensure the achievement of the goal and meet the needs of students and society. The results of these processes are aimed at continuous improvement of the EP.	+			
<b>Total standard</b>			3	6	1	0
<b>Standard «Student-centered learning, teaching and performance assessment»</b>						
57	1	EP management should ensure respect and attention to various groups of students and their needs, providing them with flexible learning paths.		+		
58	2	EP management should ensure the use of various forms and methods of teaching instruction.		+		
59	3	An important factor is the availability of our own research in the field of teaching methods of educational disciplines of EP.	+			
60	4	EP management should demonstrate the existence of a feedback system for the use of various teaching methods and assessment of learning outcomes		+		
61	5	EP management should demonstrate support for students' autonomy while guiding and assisting the teacher.		+		



62	6	EP management must demonstrate the existence of a procedure for responding to student complaints.		+		
63	7	The university should ensure the consistency, transparency and objectivity of the mechanism for assessing learning outcomes for each academic degree, including an appeal.		+		
64	8	The university must ensure that the procedures for evaluating the learning outcomes of students of EP study meet the planned learning outcomes and program objectives. Evaluation criteria and methods within the framework of the EP should be published in advance.		+		
65	9	The university should determine the mechanisms for ensuring the development of learning outcomes by each graduate of the academic program and ensure the completeness of their formation.		+		
66	10	Evaluators must be proficient in modern methods of assessing learning outcomes and regularly improve their skills in this area.		+		
<b>Total standard</b>			1	9	0	0
<b>Standard « Students»</b>						
67	1	The university should demonstrate a policy for the formation of the contingent of students in the context of EP from admission to graduation and ensure transparency of its procedures. Procedures governing the life cycle of students (from admission to completion) must be defined, approved and published.		+		
68	2	EP management should demonstrate the implementation of special adaptation and support programs for newly arrived and foreign students		+		
69	3	The university must demonstrate the conformity of its actions to the Lisbon Recognition Convention.		+		
70	4	The university should cooperate with other educational organizations and national centers of the European Network of National Information Centers for Academic Recognition and Mobility / National Academic Recognition Information Centers ENIC / NARIC in order to ensure comparable recognition of qualifications		+		
71	5	EP management should demonstrate the existence and application of a mechanism for recognizing the results of academic mobility of students, as well as the results of additional, formal and non-formal learning	+			
72	6	The university must provide an opportunity for external and internal mobility of studies. EP, as well as assist them in obtaining external grants for training.		+		
73	7	EP management should make every effort to provide students with places of practice, facilitate the employment of graduates, and maintain contact with them.	+			
74	8	The university should provide graduates of the educational program with documents confirming the qualifications obtained, including the results of training,		+		

		as well as the context, content and status of the education and evidence of its completion.				
75	9	An important factor is monitoring the employment and professional activities of graduates, EP.		+		
76	10	EP management should actively encourage students to self-education and development outside the main program (extracurricular activities).		+		
77	11	An important factor is the existence of an active association of graduate associations		+		
78	12	An important factor is the availability and support mechanism of gifted students.		+		
<b>Total standard</b>			2	10	0	0
<b>Standard «Faculty»</b>						
79	1	The university should have an objective and transparent personnel policy, including in the context of EP, including hiring, professional growth and staff development, ensuring the professional competence of the entire staff.		+		
80	2	The university should demonstrate the compliance of the staff potential of the teaching staff with the development strategy of the university and the specifics of the academic program.		+		
81	3	EP management should demonstrate awareness of responsibility for its employees and ensure favorable working conditions for them.		+		
82	4	EP management should demonstrate a change in the teacher's role in connection with the transition to student-centered learning.		+		
83	5	The university should determine the contribution of faculty staff to the implementation of the development strategy of the university, and other strategic documents.		+		
84	6	The university should provide opportunities for career growth and professional development of faculty staff.		+		
85	7	EP management should involve practitioners in the relevant industries.	+			
86	8	EP management should provide targeted action to develop young teachers.	+			
87	9	The university should demonstrate motivation for the professional and personal development of teachers of EP, including encouraging the integration of scientific activity and education, as well as the use of innovative teaching methods	+			
88	10	An important factor is the active use of the faculty of information and communication technologies in the educational process. (e.g. on-line training, e-portfolio, MEP, etc.)		+		
89	11	An important factor is the development of academic mobility in the framework of EP, the involvement of the best foreign and domestic teachers.		+		

90	12	An important factor is the involvement of teaching staff in public life (the role of teaching staff in the educational system, in the development of science, the region, the creation of a cultural environment, participation in exhibitions, creative contests, charity programs, etc.).		+		
<b>Total standard</b>			3	9	0	0
<b>Standard "Educational resources and support systems for students and undergraduates "</b>						
91	1.	EP management must demonstrate the adequacy of material and technical resources and infrastructure.	+			
92	2.	EP management should demonstrate the existence of support procedures for various groups of students, including information and counseling.		+		
		EP management must demonstrate compliance of information resources with the specifics of the EP, including compliance with:				
93	3.	library resources, including a fund of educational, methodological and scientific literature on general education, basic and majors in paper and electronic media, periodicals, access to scientific databases;		+		
94	4.	examination of the results of research, final works, dissertations on plagiarism		+		
95	5.	Access to educational Internet resources		+		
96	6.	The functioning of WI-FI in the territory of the educational organization.		+		
97	7.	The university should strive to ensure that the educational equipment and software used to master educational programs are similar to those used in the relevant industries.		+		
98	8.	The university must ensure compliance with safety requirements in the learning process.		+		
99	9.	The university should strive to take into account the needs of various groups studying in the context of EP (adults, workers, foreign students, as well as students with disabilities).		+		
100	10.	EP management must demonstrate the adequacy of material and technical resources and infrastructure.		+		
<b>Total standard</b>			1	9	0	0
<b>Standart «Public Information»</b>						
		The information published by the University within the framework of the EP must be accurate, objective, and up-to-date and must include: Implemented programs, indicating the expected learning outcomes;				
101	1.	Information about the possibility of awarding a qualification at the end of the EP;		+		
102	2.	Information about teaching, training, and evaluation procedures;		+		
103	3.	Information about passing points and educational opportunities provided to students;		+		

104	4.	Information about graduate employment opportunities.		+		
105	5.	The management of the EP should use a variety of ways to disseminate information, including the media, information networks to inform the General public and interested persons		+		
106	6.	public awareness should include support and explanation of the country's national development programs and the system of higher and postgraduate education.	+			
107	7.	The University must publish audited financial statements on its own web resource, including in the context of EP.		+		
108	8.	The University must demonstrate the reflection on the web resource of information that characterizes the University as a whole and in the context of EP.		+		
109	9.	An important factor is the availability of adequate and objective information about teaching EP, in the context of personalities.		+		
110	10.	An important factor is to inform the public about cooperation and interaction with partners within the framework of the EP, including scientific consulting organizations, business partners, social partners and public organizations			+	
111	11.	The University should post information and links to external resources based on the results of external evaluation procedures.		+		
112	12.	An important factor is the participation of the University and implemented EP in a variety of external evaluation procedures.		+		
113	13.	The information published by the University within the framework of the EP must be accurate, objective, and up-to-date and must include: Implemented programs, indicating the expected learning outcomes;		+		
<b>Total standard</b>			1	11	1	0
<b>Standards in the context of individual specialties</b>						
<b>EDUCATION</b>						
		The management of the EP must demonstrate that graduates of the program have theoretical knowledge in the field of psychology and skills in communication, analysis of personality and behavior, methods for preventing and resolving conflicts, and motivation of students:				
114	1.	The management of the EP must demonstrate the literacy of graduates of the program in the field of information technology.		+		
115	2.	The management of the EP must demonstrate the availability of disciplines that teach in. teaching methods and training planning, including interactive teaching methods, teaching methods with high involvement and motivation of students (games, case studies/situations, multimedia tools)		+		



116	3.	The EP management must demonstrate that students have the ability to teach self-learning skills	+			
117	4.	The EP should focus on different types of practices: - attending lectures and classes held by teachers; - conducting special seminars and discussions on the latest teaching methodologies and technologies; - within the framework of the program, students must have the opportunity to attend at least one discipline in their field of specialization taught by a practitioner		+		
118	5.	Within the framework of the EP, students should be provided with knowledge and skills of systems and methods of pedagogy in the world, as well as knowledge in the field of education management.		+		
119	6.	The management of the EP must demonstrate that graduates of the program have theoretical knowledge in the field of psychology and skills in communication, analysis of personality and behavior, methods for preventing and resolving conflicts, and motivation of students:		+		
<b>Total standard</b>						
<b>SOCIAL SCIENCES, HUMANITIES, ECONOMICS, BUSINESS AND LAW, SERVICES</b>						
		EP management should demonstrate that teaching within the program is based on modern achievements of world science and practice in the field of specialization, as well as using modern advanced teaching methods				
120	1.	EP management should guarantee students access to the most up-to-date and relevant data (statistics, news, scientific results) in the field of specialization in paper (newspapers, statistical data collections, textbooks) and electronic media				
121	2.	Objectives, respectively, the learning outcomes should be aimed at students obtaining specific skills that are in demand on the labor market				
122	3.	EP management must demonstrate that graduates of the program possess these skills and that these skills are truly in demand in the labor market				
123	4.	EP should include a significant number of disciplines and activities aimed at students gaining practical experience in applying theoretical knowledge, such as industrial practice, training at enterprises, participation in lectures and seminars of practicing specialists, etc.				
124	5.	EP management should demonstrate analysis of the labor market and provide examples of successful employment of graduates				
125	6.	EP management should demonstrate that teaching within the program is based on modern achievements of world science and practice in the field of specialization, as well as using modern advanced teaching methods				
<b>Total standard</b>						
<b>NATURAL SCIENCES, AGRICULTURAL SCIENCE,</b>						

<b>ENGINEERING, AND TECHNOLOGY</b>						
		Educational programs in the areas of "Natural Sciences", "Technical Sciences and technologies" , such as "Mathematics", "Physics", "Information systems", etc., must meet the following requirements:				
126	1.	To familiarize students with the professional environment and relevant issues in the field of specialization, as well as for the acquisition of skills based on theoretical training program of education should include disciplines and activities aimed at obtaining practical experience and skills in General and majors in particular disciplines, including: - visits to enterprises in the field of specialization (factories, workshEPs, research institutes, laboratories, educational-experimental farms, etc.), - conducting individual classes or entire disciplines at the enterprise of specialization, - conducting seminars to solve practical problems relevant to enterprises in the field of specialization, etc.	+			
127	2.	The teaching staff involved in the education program should include full-time teachers who have long-term experience working as a full-time employee at enterprises in the field of specialization of the education program.		+		
128	3.	The content of all EP disciplines should be based in one way or another and include a clear relationship with the content of fundamental natural Sciences, such as mathematics, chemistry, and physics.	+			
129	4.	The management of the EP should provide measures to strengthen practical training in the field of specialization.	+			
130	5.	The EP management should provide training for students in the use of modern information technologies.		+		
<b>Total standard</b>			3	2	0	0
<b>IN TOTAL</b>			<b>20</b>	<b>114</b>	<b>2</b>	<b>0</b>