



«АККРЕДИТЕУ ЖӘНЕ РЕЙТИНГТІҢ
ТӘУЕЛСІЗ АГЕНТТІГІ» КЕМ

НУ «НЕЗАВИСИМОЕ АГЕНТСТВО
АККРЕДИТАЦИИ И РЕЙТИНГА»

INDEPENDENT AGENCY FOR
ACCREDITATION AND RATING



REPORT

INDEPENDENT AGENCY FOR ACCREDITATION AND RATING
External expert commission

*Addressed to
Accreditation
the IAAR Council*



Независимое агентство
аккредитации и рейтинга

REPORT

**on the results of the work of the external expert evaluation committee
for compliance with the requirements of the standards for specialized accreditation of educational
programs**

**5B060800 "Ecology", 6M060800 "Ecology",
5B073100 "Life safety and environmental protection",
6M073100 "Life safety and environmental protection"**

Abay Myrzakhmetov Kokshetau University

Kokshetau

May 2-4, 2018

(II) INTRODUCTION

In accordance with order No. 40-18-OD dated 04/16/2018 of the Independent Agency for Accreditation and Rating, from 2 to 4 May 2017, the External Expert Commission assessed the compliance of educational programs of Abay Myrzakhmetov Kokshetau University with the standards of specialized accreditation of the IAAR (2017):

The report of the external expert commission (EEC) contains an assessment of the submitted educational programs to the criteria of the IAAR, recommendations of the EEC for further improvement of educational programs and the parameters of the profile of educational programs.

EEC composition:

1. **Chairman of the Commission** - Skiba Marina Aleksandrovna, Candidate of Pedagogical Sciences, Associate Professor, Advisor to the Rector of Narxoz University (Almaty).
2. **Foreign expert** - Baikhodjoev Muratbek Seitkazievich, Candidate of Biological Sciences, Vice President for Science and Development, International University of Kyrgyzstan,
3. **Expert** - Shkutina Larisa Arnoldovna, Doctor of Pedagogical Sciences, Professor, Karaganda State University named after E.A. Buketova,
4. **Expert** - Syzdykova Saule Zhumabaevna, Candidate of Pedagogical Sciences, Associate Professor of the Department of Professional Medicine and Nutrition, Medical University "Astana",
5. **Expert** - Kopishev Eldar Ertaevich, Ph.D., Acting Associate Professor of the Department of Chemistry, Eurasian National University named after L.N. Gumilyov,
6. **Expert** - Aliya Kairatovna Aldungarova, PhD, Associate Professor, Pavlodar State University named after S. Toraigyrov,
7. **Expert** - Ospanova Shynar Kayyrbaevna, M.P., Department of Professional Education, Kazakh Agro Technical University named after S. Seifullin,
8. **Expert** - Ualkhanov Bayzhan Nurbaevich, Candidate of Technical Sciences, Associate Professor, General Director of Kokshetau Experimental Production Enterprise LLP (Kokshetau),
9. **Expert** - Movkebaeva Galiya Akhmetvalievna, Doctor of Historical Sciences, Professor of KazNU named after al-Farabi (Almaty),
10. **Employer** - Tazhmiyeva Aizhan Alikulovna, Chamber of Entrepreneurs of Akmola region,
11. **Student** - Omirzak Ainur Sabyrgyzy, 1st year undergraduate, specialty "Pedagogy and Psychology", Kokshetau State University named after Sh.Ualikhanov,
12. **Student** - Botanov Arnav Bolatuly, 3rd year student of the specialty "Biology", Kokshetau State University named after Sh.Ualikhanov,
13. **Student** - Rakhmetullina Aidana Ermekovna, 2nd year student of the specialty "Foreign languages: two foreign languages", Kokshetau State University named after Sh.Ualikhanov,
14. **Observer** - Ayman Bekbolatovna Nurakhmetova, head of post-accreditation monitoring of the IAAR (Astana),
15. **Observer** - Askar Alimauletovich Azhenov, chief specialist of the post-accreditation monitoring project (Astana).

(III) REPRESENTATION TO THE EDUCATION ORGANIZATION

The institution "Abay Myrzakhmetov Kokshetau University" (hereinafter A. Myrzakhmetov KU) was founded in 2000 on the basis of the Law of the Republic of Kazakhstan "On non-commercial organizations", "Civil Code of the Republic of Kazakhstan", the form of ownership is private, non-commercial, there are no branches, colleges and lyceums (in accordance with the document on registration of a legal entity - certificate).

The main goal of the Institution "Abay Myrzakhmetov Kokshetau University" is to meet the socio-economic needs of the republic for specialists with higher and postgraduate education and the need for higher education that meets state standards approved by the authorized body.

The University carries out its activities on the basis of the following documents: state license for the right to conduct higher and postgraduate education series AB No. 0137407 dated 03.02.2010; certificate of state re-registration of a legal entity No. 1868-1902-U-e (BIN 000840003121) dated June 23, 2006; statistical card No. 39196611 dated June 26, 2006; certificate of the taxpayer of the Republic of Kazakhstan series 03 No.0003606 (RNN 032600004314) dated June 30, 2006; certificates of state registration of rights to real estate and transactions with it, conclusions of the sanitary-epidemiological and fire-fighting services.

The educational activity of the university is carried out in 39 programs of higher and postgraduate education, including:

- 24 specialties of bachelor's degree;
- 13 specialties of magistracy;
- 2 specialties of doctoral studies.

The contingent as of 05/01/2018 is 2772 people (students, undergraduates, doctoral students).

The number of teaching staff in the 2017/2018 academic year was 360 people, of which 291 staff members, of which 23 doctors of sciences and professors, 128 candidates of sciences, associate professors, of which 4 are PhD. The university degree is 51.9%.

The infrastructure of the university includes 5 educational buildings, 1 student dormitory, 1 educational and training complex, 2 sports halls, 6 rented gyms, 3 health centers, 5 food outlets for 400 seats. The university has 30 lecture halls with a total area of 16,578.2 square meters, 30 specialized rooms, 42 computer labs, 4 language laboratories, 92 educational laboratories, 5 workshops.

The university passed planned state attestations (2003, 2008, 2014), scheduled inspections for compliance with the legislation of the Republic of Kazakhstan on education and the rules for licensing educational activities (2005, 2007, 2012). In 2013, the university successfully passed the monitoring of postgraduate education. In 2018, a check for compliance with the licensing requirements of the Committee for Control in the Field of Education and Science of the Ministry of Education and Science of the Republic of Kazakhstan.

In 2005 the university received the quality certificate of the German company "TUV CERT TUVThuringen e. V ", in 2008 the certificate of JSC" National Center for Expertise and Certification "of the West Kazakhstan branch of the OPS.

In 2010, the university successfully passed the National Institutional Accreditation for International Standards at the National Center of the Ministry of Education and Science of the Republic of Kazakhstan.

In 2010, the university signed among 20 Kazakhstani universities the Magna Carta of Universities - a joint Bologna Declaration in Italy.

In 2011, the University signed the Shymkent Declaration "Quality Assurance for Higher Education in Kazakhstan".

In 2015, the university successfully passed the Institutional accreditation according to the standards of higher education organizations of the Independent Agency for Accreditation and Rating (IAAR).

The university has memberships:

- at the United States Agency for International Cooperation (USAID);
- in the Europe Rectors' Club (Oxford, Great Britain);
- in Magna Charta Universitatum (Bologna, 2010);
- in the International Academy of Sciences of Higher Education (IHEAS, IAS HS);
- in the German Academic Exchange Service (DAAD);
- in the Association of Rectors "Perspective" of the Polish Republic;
- in the German Society for Technical Cooperation (GTZ);
- in the Russian Academy of Agricultural Sciences (RAAS, Moscow);
- in the Commonwealth of scientists agrochemists and agroecologists "Agrokhimekosodruzhestvo" (Moscow);
- in the International Association of Researchers of Child Movement (Moscow);
- in the global partnership "Interaction with the academic community of the United Nations (UN)".

Achievements of A. Myrzakhmetov KU at the international level:

- In 2005, the university received a quality certificate from the German company TUV CERT TUV Thurinden e. V ";
- In 2005, he was awarded the "Gold Medal of Education Quality" (Switzerland, Geneva);
- In 2011 Socrate International Award Medal (Oxford, UK)
- In 2011, he was awarded the International Socrates Prize for Achievements in Education (Oxford, Great Britain);
- In 2017, the award in the nomination "Best University by the Results of International Work" (Oxford, UK).

At the republican level:

- In 2010, the Council of Young Scientists of the University became the best in the Republic of Kazakhstan and received a grant from the Foundation of the First President of the Republic of Kazakhstan.
- In 2011, according to the General Rating of the Independent Kazakhstani Agency for Quality Assurance in Education, A. Myrzakhmetov KU took 19th place among the leading multidisciplinary universities;
- In 2013, as a result of the ranking of economic entities of Kazakhstan, the university received a national certificate and a medal "Sala keshbashysy", was awarded the honorary title "Industry Leader 2013", TOP-701 according to OKED 85 among large enterprises;
- In 2016, the university website took 15th place in the Top 20 best websites of Kazakhstani universities, according to the research of the Spanish independent research group Cybermetrics Lab.
- In 2017, according to the results of the General Rating of the Independent Accreditation Agency and the rating in 8 areas of training (law, services, natural sciences, humanities, education, arts, technical sciences, social sciences, economics and business) 22 educational programs for bachelor's, master's and doctoral studies the university also performed well. By the specialty "Jurisprudence", the university is included in the top 10 universities in Kazakhstan, along with the leading national and state universities. In general, according to the results of the ranking, the university took 20th place out of 59 universities that took part in the ranking.
- The university is ranked 25th in the Webometrics ranking for the Central Asian region.

Information about the department

The department "Ecology, life safety and environmental protection" is a part of the engineering and environmental faculty.

The department implements bachelor's and postgraduate education programs:

- Enrollment in EP 5B060800 "Ecology" has been carried out since 2004 (academic degree - bachelor of natural sciences).

The enrollment for EP 5B073100 "Life Safety and Environmental Protection" has been conducted since 2006 (academic degree - Bachelor of Engineering and Technology).

Training in this specialty is conducted both in full-time and in correspondence forms of education in the state and Russian languages on a contractual basis and under state grants.

Training under the program of postgraduate education "Ecology" has been carried out since 2005. The EP was assigned the code 6N0608 - "Ecology", in 2009 - 6M060800 - "Ecology". Training is carried out in Russian. The term of study for scientific and pedagogical training is 2 years, for specialized training - 1.5 and 1 year.

The graduate of the magistracy in the specialty 6M060800 - "Ecology" of the scientific and pedagogical direction is awarded the degree of Master of Natural Sciences, of the profile direction - the Master of Natural Sciences in accordance with the "Qualification handbook of positions of managers, specialists and other employees, approved by the Order of the Minister of Labor and Social Protection of November 22, 2002. No. 273-P.

Training under the postgraduate education program 6M073100 - "Life safety and environmental protection" has been carried out since 2016. Training is carried out in Russian. The term of study for scientific and pedagogical training is 2 years, for specialized training - 1.5 and 1 year. A graduate of the magistracy in the specialty 6M073100 - "Life safety and environmental protection" of the scientific and pedagogical direction is awarded a master's degree in technical sciences, a specialized direction - a master of engineering and technology.

Currently, the professional training of bachelors and masters in all EP is carried out on the basis of license No. 0137407 series AB dated 02.10.2015, issued by the Ministry of Education and Science of the Republic of Kazakhstan.

(IV) DESCRIPTION OF THE EEC VISIT

The work of the EEC was carried out on the basis of the visit program of the expert commission on specialized accreditation of educational programs at the Kokshetau University named after Abay Myrzakhmetov from 2 to 4 May 2018.

To obtain objective information about the quality of educational programs and the entire infrastructure of the university, to clarify the content of self-assessment reports, meetings were held with the rector, vice-rectors for areas of activity, deans of faculties, heads of departments, vacated curators, heads of departments, teachers, students, graduates, employers. A total of 194 people took part in the meetings (Table 1).

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

Participant category	amount
Rector	1
Vice-rectors	3
Heads of structural divisions	31
Deans of faculties	5
Heads of departments	5
Teachers	40
Students, undergraduates	53
Graduates	35
Employers	21
Total	194

At a meeting of the IAAR EEC with the leaders and teaching staff of A. Myrzakhmetov KU the clarification of the mechanisms for implementing the policy of the university and concretization of certain data presented in the university self-assessment report were carried out.

During the work of the EEC, a visual inspection of the university infrastructure was carried

out: lecture halls, educational laboratories, language laboratories, computer classes, a library, a hostel, practice bases and branches of departments.

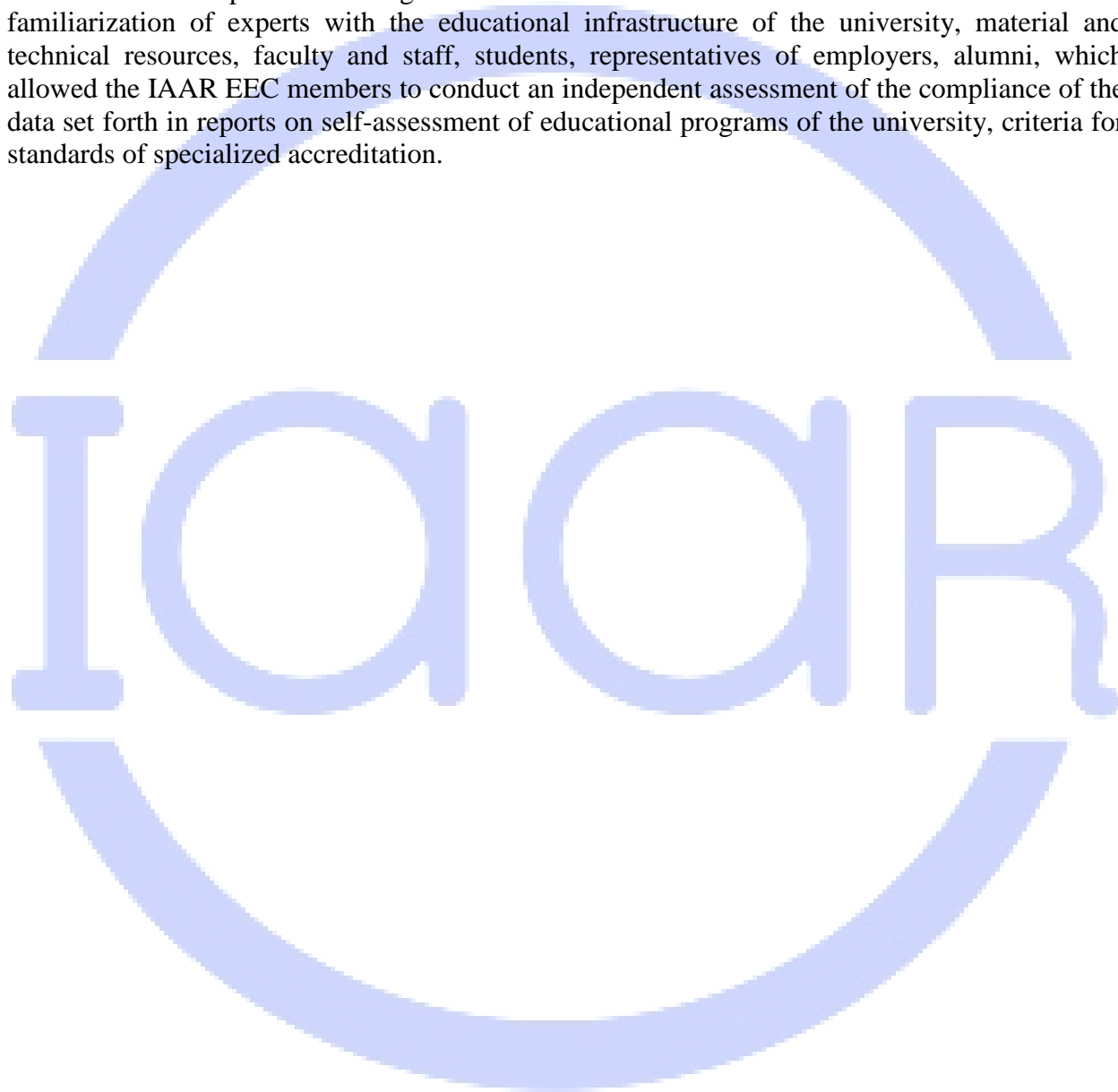
The documentation of departments implementing accredited educational programs was studied.

At the time of the arrival of the External Expert Commission, according to the academic calendar of the educational process of KU named after A. Myrzakhmetova, students of accredited specialties were in educational, industrial and pedagogical practice.

EEC members visited the practice bases of accredited programs:

- LLP "Zelenstroy"

The events planned during the visit of the IAAR EEC contributed to a detailed familiarization of experts with the educational infrastructure of the university, material and technical resources, faculty and staff, students, representatives of employers, alumni, which allowed the IAAR EEC members to conduct an independent assessment of the compliance of the data set forth in reports on self-assessment of educational programs of the university, criteria for standards of specialized accreditation.



OVERVIEW OF STRENGTHS/ BEST PRACTICES FOR EACH STANDARD

- The university demonstrates the development of a culture of quality assurance, including in the context of EP;
- EP management involves representatives of stakeholder groups - employers, teaching staff and students in the formation of the EP development plan;
- The university demonstrates a clear definition of those responsible for business processes within the EP, the job responsibilities of personnel are distributed;
- EP management ensures the participation of representatives of interested parties (employers, teaching staff, students) in the collegial management bodies of the educational program;
- Demonstrated evidence of the openness and accessibility of management for students, teaching staff and employers;
- The rector undergoes training on an ongoing basis in educational management programs.
- The institute has implemented an open door policy, a mechanism for communication with students, employees and other interested parties is in place.
- The institute of freed curators has been created, which makes it possible to establish an effective volume of management information.
- Information openness of management decisions and consideration of all aspects of activities, including financial issues, at meetings of the Academic Council of the University.
- Regular reporting and monitoring on the implementation of the Strategic Development Plan of the University and plans for the development of educational programs.
- Availability of internal audit and the corresponding structural unit.
- EP management determines the influence of disciplines and professional practices on the formation of learning outcomes.
- Students have the opportunity to prepare for professional certification.
- EP management provided evidence of the participation of students, teaching staff and other stakeholders in the development of EP, ensuring their quality.
- The university to conduct monitoring and periodic evaluation of EP, which consider changes in the needs of the professional environment; workload, academic performance and graduation of students, educational environment and support services and their compliance with the objectives of the EP.
- EP management uses a feedback system on the use of various teaching methods and assessment of learning outcomes.
- EP management has demonstrated the existence of a procedure for responding to student complaints.
- The university has determined the mechanisms for ensuring the development of learning outcomes by each EP graduate and ensured the completeness of their formation.
- The university demonstrates the policy of forming a contingent of students from admission to graduation and ensures the transparency of its procedures. The procedures governing the life cycle of students (from admission to completion) are defined, approved, published.
- The EP's management demonstrated the implementation of special adaptation and support programs for newly admitted and foreign students.
- The EP management makes the maximum amount of effort to provide students with places of practice, to promote the employment of graduates, to keep in touch with them.
- EP management actively stimulates students to self-education and development of an extra-core program (extracurricular activities).
- The university has a mechanism for supporting gifted students.

- The university has an objective and transparent personnel policy, including recruitment, professional growth and development of personnel, ensuring the professional competence of the entire staff.
- The EP's management has demonstrated responsibility for its employees and providing them with favorable working conditions.
- The university determined the contribution of the teaching staff of the EP to the implementation of the development strategy of the university, and other strategic documents.
- The university provides an opportunity for career growth and professional development of the teaching staff of the EP.
- The university demonstrated motivation for the professional and personal development of EP teachers, including the encouragement of both the integration of scientific activity and education, and the use of innovative teaching methods.
- An important factor is the involvement of the teaching staff of the EP in the life of society.
- The EP's management has demonstrated the existence of procedures for supporting various groups of students, including information and counseling.
- The EP management demonstrated the compliance of information resources with the EP specifics, including compliance with the examination of the results of research work, graduation works, theses for plagiarism.
- Published by the university within the EP includes information about the employment opportunities of graduates.
- The EP management uses a variety of ways to disseminate information (including mass media, web resources, information networks, etc.) to inform the public and interest of individuals.
- Public awareness provides for support and explanation of national development programs of the country and the system of higher and postgraduate education.
- The University's website has published audited financial statements.

(I) REVIEW OF RECOMMENDATIONS FOR QUALITY IMPROVEMENT

1. To update the individuality and uniqueness of the accredited EP 5B060800 / 6M060800 "Ecology", 5B073100 / 6M073100 "BZHiZOS" in accordance with the programs "Strategy Kazakhstan-2050", Strategy "Kazakhstan - 2050", "30 most developed countries", "Plan of the nation - 100 concrete steps", "The third modernization of Kazakhstan "; "Industrialization program "; "Digital Kazakhstan ".
2. Consider the possibility of developing joint educational programs 5B060800 / 6M060800 "Ecology", 5B073100 / 6M073100 "BZHiZOS" with universities of the near and far abroad, as well as universities of the Republic of Kazakhstan, providing:
 - inclusion of disciplines with a research direction in the QED of joint educational programs;
 - implementation of programs for external academic mobility of students and teaching staff;
 - implementation of programs of two-degree education.
3. Continue work on the annual update of educational programs 5B060800 / 6M060800 "Ecology", 5B073100 / 6M073100 ""Life safety and environmental protection" with the publication of all the changes made on the website of the university.
4. In order to implement the multilingual program, the EP management should strengthen the work on the development, publication and purchase of specialized literature for accredited EP in English.
5. The management of the accredited EP to consider the possibility of introducing a dual

training system on the basis of Zelenstroy LLP in the specialties 5B060800 "Ecology", 5B073100 "Life safety and environmental protection".

6. Consider the possibility of teaching the discipline "Professionally oriented English" together with the Department of Foreign Languages and Translation Studies.

7. Continuing to attract, within the framework of academic mobility, leading scientists from universities in the Republic of Kazakhstan and neighboring countries.

8. Expanding the participation of teaching staff in professional development programs.

9. Strengthen work on the implementation of the academic mobility program for teaching staff.

10. Continue work on organizing conditions for additional study of foreign languages by students and teaching staff of the university with the inclusion in the work plans of the department and the university for 2018-2021.

11. Continue work on the installation of ramps for the disabled, guide markings and color indicators and signs for visually impaired students and staff in the university buildings.

12. Consider the possibility of transferring the university library to the 1st floor in order to provide access for students with disabilities.

13. The management of the university to consider the possibility of opening a certified chemical and radiometric laboratory.

14. Strengthen the practice-orientedness of accredited educational programs, taking into account the requirements of the labor market and professional associations of employers, including by increasing the time allotted for industrial practice on the basis of enterprises with the acquisition of related professions.

(I) OVERVIEW OF RECOMMENDATIONS FOR THE DEVELOPMENT OF THE EDUCATIONAL ORGANIZATION

1. The management of the university to develop a regulation on risk management in the framework of accredited educational programs.

2. Consider the possibility of creating a single corporate mail with personal addresses for all employees and students of the University.

3. Introduce a system of key performance indicators based on the indicative plans of teaching staff to increase the effectiveness of personal and professional development of teaching staff.

4. Ensure the transparency of the teaching staff motivation system through the formation of uniform criteria and its publication.

5. To increase the percentage of students involved in scientific research and creative work with participation in grant financing of the Ministry of Education and Science of the Republic of Kazakhstan, the World Bank, social projects, competitions of the Foundation of the First President of the Republic of Kazakhstan, Erasmus +, Tempus programs, as well as various creative competitions.

6. Continue work on organizing conditions for additional study of foreign languages by students and teaching staff of the university with the inclusion in the work plans of the department and the university for 2018-2021.

7. Develop a work plan to improve the level of proficiency in foreign languages of the teaching staff of the department.

8. Continuing to attract leading scientists from universities of the Republic of Kazakhstan and neighboring countries within the framework of academic mobility.

9. Expanding the participation of teaching staff in professional development programs.

10. Strengthen work on the implementation of the academic mobility program for teaching staff.

11. Continue work on organizing conditions for additional study of foreign languages by students and teaching staff of the university with the inclusion in the work plans of the department and the university for 2018-2021.

12. Continue work on the installation of ramps for the disabled, guide markings and color signs and signs for visually impaired students and staff in the university buildings.

13. Consider the possibility of transferring the university library to the 1st floor in order to provide access for students with disabilities.

14. The management of the university to consider the possibility of opening a certified chemical and radiometric laboratory.

15. Continuing to attract leading scientists from universities of the Republic of Kazakhstan and neighboring countries within the framework of academic mobility.

16. Expanding the participation of teaching staff in professional development programs.

17. Strengthen work on the implementation of the academic mobility program for teaching staff.

18. Continue work on organizing conditions for additional study of foreign languages by students and teaching staff of the university with the inclusion in the work plans of the department and the university for 2018-2021.

19. Continue work on the installation of ramps for the disabled, guide markings and color signs and signs for visually impaired students and staff in the university buildings.

20. Consider the possibility of moving the library of the university to the 1st floor in order to provide access for students with disabilities.

21. The university management should consider the possibility of opening a certified chemical and radiometric laboratory.

Appendix 1. Evaluation table «Specialized profile parameters»

№	№	Evaluation criterion	Position of the educational organization			
			Strong	Satisfactory	Suggests improvement	Unsatisfactory
Educational program management standard						
1	1.	The institution must have a published quality assurance policy.		+		
2	2.	The quality assurance policy should reflect the link between research, teaching and learning.		+		
3	3.	The institution must demonstrate the development of a quality assurance culture; including in the context of OP.		+		
4	4.	Commitment to quality assurance should apply to any activity performed by contractors and partners (outsourcing), including the implementation of joint / double degree education and academic mobility.		+		
5	5.	The EP management ensures the transparency of the EP development plan based on the analysis of its functioning, the actual positioning of the university and the focus of its activities on meeting the needs of the state, employers, stakeholders and students.	+			
6	6.	The EP's management demonstrates the functioning of mechanisms for the formation and regular revision of 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 continuous improvement of the EP.	+			
7	7.	EP management should involve representatives of groups - interested persons, including employers, students and teaching staff in the formation of the EP development plan.	+			
8	8.	The EP's management must demonstrate the individuality and uniqueness of the EP's 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 EP, an unambiguous distribution of staff duties, and the delineation of functions of collegial bodies.		+		
10	10.	EP management must provide evidence of the transparency of the educational program management system.	+			
11	11.	The EP's management must demonstrate the successful functioning of the internal quality assurance system, including its design, management and monitoring, their improvement, decision-making based on facts.		+		
12	12.	The EP's management should carry out risk management.			+	
13	13.	The EP management should ensure the participation of representatives of interested parties (employers, teaching	+			

		staff, students) in the collegial management bodies of the educational program, as well as their representativeness in making decisions on the management of the educational program.				
14	14.	The university must demonstrate innovation management within the EP, including the analysis and implementation of innovative proposals.		+		
15	15.	EP management must demonstrate evidence of openness and accessibility for students, teaching staff, employers and other stakeholders.	+			
16	16.	EP management must be trained in educational management programs.			+	
17	17.	EP management should strive to ensure that the progress made since the last external quality assurance procedure is taken into account when preparing for the next procedure.		+		
Total by standard			6	9	2	
Information Management and Reporting Standard						
18	1	The university must ensure the functioning of the 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 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 activities of departments and departments, scientific research.	+			
21	4	The university must establish the frequency, forms and methods of assessing the EP management of the activities of collegial bodies and structural divisions, top management, the implementation of scientific projects.	+			
22	5	The university must demonstrate the determination of the procedure and ensuring the protection of information, including the identification of persons responsible for the accuracy and timeliness of the analysis of information and the provision of data.		+		
23	6.	An important factor is the involvement of students, employees, teaching staff in the processes of collecting and analyzing information, as well as making decisions based on them.		+		
24	7.	EP management must demonstrate the existence of a communication mechanism with students, employees and other stakeholders, including the availability of mechanisms for resolving conflicts.	+			
25	8.	The university must ensure the measurement of the degree of satisfaction of the needs of teaching staff, staff and students within the EP and demonstrate evidence of elimination of the identified deficiencies.		+		
26	9	The university must evaluate the effectiveness and efficiency of its activities, including in the context of EP.	+			
		The information collected and analyzed by the university should take into account:				
27	10	Key performance concepts		+		
28	11	Dynamics of the contingent of students in the context of forms and types		+		

29	12	Academic achievement, student achievement and expulsion		+		
30	13	Satisfaction of students with the implementation of EP and the quality of education at the university		+		
31	14	Availability of educational resources and student support systems		+		
32	15	Employment and career growth of graduates		+		
33	16	Educators, employees and teaching staff must document their consent to the processing of personal data		+		
34	17	The EP's management should facilitate the provision of all the necessary information in the relevant fields of science.		+		
Total by standard			4	13		
Standard "Development and approval of educational programs"						
35	1	The university must define and document procedures for the development of EP and their approval at the institutional level.		+		
36	2	EP management must ensure that the developed EP meets the established goals, including the expected learning outcomes.		+		
37	3	The EP management must ensure the availability of developed models of the EP graduate, describing the results, personal qualities.		+		
38	4	The EP's management must demonstrate the conduct of external examinations of the EP.		+		
39	5	The qualifications obtained upon completion of the EP must be clearly defined, explained and correspond to a certain level of the NQF.		+		
40	6	EP management must determine the influence 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, teaching staff and other stakeholders in the development of the EP, ensuring their quality.	+			
43	9	The complexity of the EP should be clearly defined in Kazakhstani loans and ECTS.	+			
44	10	EP management must ensure the content of academic disciplines and learning outcomes at the level of training (bachelor's, master's, doctoral studies).		+		
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 EP with foreign educational organizations.			+	
Total by standard			5	6	1	
Standard "Continuous monitoring and periodic evaluation of educational programs"						
47	1	The university should monitor and periodically evaluate the EP in order to ensure that the goal is achieved and meet the needs of students and society. The results of these processes are aimed at continuous improvement of the EP.	+			
		Monitoring and periodic evaluation of the EP should consider:				
48	2	The content of the programs in the light of the latest scientific achievements in a specific discipline to ensure the relevance of the taught discipline;		+		
49	3	Changes in the needs of the professional environment;	+			
50	4	workload, academic performance and graduation of students;	+			
51	5	The effectiveness of learners;		+		

52	6	expectations, needs and satisfaction of students with EP training;		+		
53	7	educational environment and support services and their compliance with the goals of the EP.	+			
54	8	The higher educational institution's management must provide evidence of the participation of students, employers and other stakeholders in the review of the EP.		+		
55	9	All stakeholders should be informed of any planned or taken action with respect to the EP. All changes made to the OP must be published.		+		
56	10	The EP management must ensure the revision of the content and structure of the EP, taking into account changes in the labor market, the requirements of employers and the social demand of society.		+		
Total by standard			4	6		
Standard "Student-centered learning, teaching and assessment of progress"						
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 must ensure the use of various forms and methods of teaching and learning.		+		
59	3	An important factor is the availability of our own research in the field of teaching methods of academic disciplines EP.		+		
60	4	EP management must demonstrate the existence of a feedback system on the use of various teaching methods and assessment of learning outcomes.	+			
61	5	The EP's leadership must demonstrate support for the autonomy of students while providing guidance and assistance from the teacher.		+		
62	6	The EP's management must demonstrate the existence of a procedure for responding to student complaints.	+			
63	7	The university must ensure consistency, transparency and objectivity of the learning outcome assessment mechanism for each EP, including appeal.		+		
64	8	The university must ensure that the procedure for assessing the learning outcomes of EP students is consistent with the planned learning outcomes and the objectives of the program. The criteria and assessment methods within the EP must be published in advance.		+		
65	9	The university should define mechanisms for ensuring the development of learning outcomes by each EP graduate and ensure the completeness of their formation.	+			
66	10	Evaluators should be proficient in modern methods of assessing learning outcomes and regularly improve their qualifications in this area.		+		
Total by standard			3	7		
Standard "Learners"						
67	1	The university must demonstrate the policy of forming the contingent of students from admission to graduation and ensure the transparency of its procedures. The procedures governing the life cycle of students (from admission to completion) must be defined, approved, published.	+			
68	2	The EP's management must demonstrate the implementation of special adaptation and support programs for newly admitted and foreign students.	+			
69	3	The university must demonstrate the compliance of its		+		

		actions with the Lisbon Declaration.				
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 must 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 education.		+		
72	6	The university should provide an opportunity for external and internal mobility of EP students, as well as assist them in obtaining external grants for training.		+		
73	7	The EP's management should make the maximum amount of effort to provide students with places of practice, promote the employment of graduates, and keep in touch with them.	+			
74	8	The university must provide EP graduates with documents confirming the acquired qualifications, including the achieved learning outcomes, as well as the context, content and status of the education received and evidence of its completion.		+		
75	9	An important factor is monitoring the employment and professional activity of EP graduates.	+			
76	10	EP management should actively stimulate students to self-education and development outside the main program (extracurricular activities).	+			
77	11	An important factor is the existence of an active alumni association / association.		+		
78	12	An important factor is the availability of a support mechanism for gifted students.	+			
		Total by standard	6	6		
Standard "Teaching staff"						
79	1.	The university must have an objective and transparent personnel policy, including recruitment, professional growth and personnel development, ensuring the professional competence of the entire staff.	+			
80	2.	The university must demonstrate the compliance of the staff potential of the teaching staff with the development strategy of the university and the specifics of the EP.		+		
81	3.	EP management must demonstrate and awareness of responsibility for their employees and providing them with favorable working conditions.	+			
82	4.	The EP's management must demonstrate the change in the role of the teacher in connection with the transition to student-centered learning		+		
83	5.	The university must determine the contribution of the teaching staff of the EP 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 the teaching staff of the EP	+			
85	7	The EP's management should involve practitioners of the relevant industries in teaching.		+		
86	8	EP management must ensure targeted actions for the development of young teachers		+		

87	9	The university should demonstrate the motivation for the professional and personal development of EP teachers, including the encouragement of both the integration of scientific activity and education, and the use of innovative teaching methods.	+			
88	10	An important factor is the active use of the teaching staff of information and communication technologies in the educational process.		+		
89	11	An important factor is the development of academic mobility within the EP, attracting the best foreign and domestic teachers		+		
90	12	An important factor is the involvement of the teaching staff of the EP in the life of society (the role of the teaching staff in the education system, in the development of science, the region, the creation of a cultural environment, participation in exhibitions, creative competitions, charity programs, etc.)	+			
Total by standard			6	6		
Standard: "Educational resources and student support systems"						
91	1	EP management must demonstrate the sufficiency of material and technical resources and infrastructure.		+		
92	2.	The EP's management must demonstrate the existence of procedures for supporting various groups of students, including information and counseling.	+			
		The EP management must demonstrate the compliance of information resources with the EP specifics, including compliance with:				
93	3	Technological support for students and teaching staff in accordance with educational programs (for example, online training, modeling, databases, data analysis programs);		+		
94	4.	library resources, including the fund of educational, methodological and scientific literature on general education, basic and major disciplines on paper and electronic media, periodicals, access to scientific databases;		+		
95	5.	examination of research results, graduation works, dissertations for plagiarism;	+			
96	6	functioning of WIFI on the territory of the educational organization.		+		
97	7	The university should strive to ensure that the educational equipment and software used for mastering EP 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 of students in the context of EP (adults, working people, foreign students, as well as students with disabilities)		+		
Total by standard			2	7		
Public Information Standard						
		<i>The information published by the university in the framework of the EP must be accurate, objective, relevant and must include:</i>				
100	1	Implemented programs, indicating expected learning outcomes		+		
101	2	Information about the possibility of qualifying at the end of the EP		+		
102	3	Information on teaching, learning, assessment procedures		+		
103	4	Information about passing scores and learning opportunities provided to students		+		

104	5	Information on employment opportunities for graduates		+		
105	6	The EP's management should use a variety of ways to disseminate information (including the media, web resources, information networks, etc.) to inform the public and interest of individuals	+			
106	7	Public awareness should include support and explanation of national development programs for the country and the system of higher and postgraduate education.	+			
107	8	The university must publish audited financial statements on its own web resource	+			
108	9	The university must demonstrate the reflection on the web resource of information characterizing the university as a whole and in the context of the EP.	+			
109	10	An important factor is the availability of adequate and objective information about the teaching staff of the EP, in the context of personalities.			+	
110	11	An important factor is informing the public about cooperation and interaction with partners within the EP, including scientific consulting organizations, business partners and educational organizations.		+		
111	12	The university should post information and links to external resources based on the results of an external assessment.		+		
112	13	An important factor is the participation of the university and the implemented EP in various external assessment procedures.		+		
		Total by standard	4	8	1	
Standards in the context of individual specialties						
NATURAL SCIENCES, AGRICULTURAL SCIENCES, TECHNICAL SCIENCES, AND TECHNOLOGIES						
		Educational programs in the areas of "Natural Sciences", "Technical Sciences and Technologies" must meet the following requirements:				
113	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 specialization in general and major disciplines in particular, including .h .:		+		
114	2	-excursions to enterprises in the field of specialization (factories, workshops, research institutes, laboratories, educational and experimental farms, etc.)		+		
115	3	- conducting individual classes or entire disciplines in specialization enterprises,		+		
116	4	- holding seminars to solve practical problems relevant for enterprises in the field of specialization, etc.		+		
117	5	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.		+		
		Total by standard		5		
		TOTAL	40	63	4	