



«АККРЕДИТТЕУ ЖӘНЕ РЕЙТИНГТИҢ
ТӘУЕЛСІЗ АГЕНТТІГІ» КЕМ

ИУ «НЕЗАВИСИМОЕ АГЕНТСТВО
АККРЕДИТАЦИИ И РЕЙТИНГА»

INDEPENDENT AGENCY FOR
ACCREDITATION AND RATING

REPORT

**on the Results of the Work of an External Expert Commission
for Assessing the Compliance with the Requirements of Specialized
Ex-Ante Accreditation Standards of educational programs**

6M060100/7M05401 – Mathematics,

6D060200/8D06101 – Informatics,

6D060700/8D05101 – Biology,

6D080100/8D08101 – Agronomy

Kostanay State University named after A. Baytursynov

Site-Visit Dates: May 20-23, 2019

INDEPENDENT AGENCY OF ACCREDITATION AND RATING
The external Commission

*Addressed to
the Accreditation
Council of the IAAR*



АККРЕДИТТЕУ ЖӘНЕ РЕЙТИНГТІҢ
ТӘУЕЛСІЗ АГЕНТТІГІ

НЕЗАВИСИМОЕ АГЕНТСТВО
АККРЕДИТАЦИИ И РЕЙТИНГА

INDEPENDENT AGENCY FOR
ACCREDITATION AND RATING

REPORT

**on the Results of the Work of an External Expert Commission
for Assessing the Compliance with the Requirements of Specialized Ex-Ante Accreditation
Standards of educational programs
6M060100/7M05401 – Mathematics, 6D060200/8D06101 – Informatics, 6D060700/8D05101
– Biology, 6D080100/8D08101 - Agronomy**

A. Baitursynov Kostanay State University.

from 20 to 23 May, 2019

Kostanay, 23 May, 2019

CONTENTS

(I) LIST OF SYMBOLS AND ABBREVIATIONS	4
(II) INTRODUCTION	5
(III) PRESENTATION OF THE EDUCATION ORGANIZATION	6
(IV) DESCRIPTION OF THE PREVIOUS ACCREDITATION PROCEDURE	7
(V) DESCRIPTION OF THE VISIT	7
(VI) COMPLIANCE WITH SPECIALIZED ACCREDITATION STANDARDS	8
6.1 STANDARD "EDUCATIONAL PROGRAM MANAGEMENT»	8
6.2 STANDARD INFORMATION MANAGEMENT AND REPORTING.....	12
6.3 STANDARD "DEVELOPMENT AND APPROVAL OF THE EDUCATIONAL PROGRAM»	14
6.4 STANDARD "CONTINUOUS MONITORING AND PERIODIC EVALUATION OF EDUCATIONAL PROGRAMS».....	18
6.5 STANDARD "STUDENT-CENTERED LEARNING, TEACHING AND PERFORMANCE ASSESSMENT».....	20
6.6 STANDARD "STUDENTS"	24
6.7 THE STANDARD "FACULTY"	27
6.8 Standard "Educational resources and student support systems"	32
6.9 STANDARD "INFORMING THE PUBLIC»	35
6.10. STANDARD "STANDARDS IN THE CONTEXT OF INDIVIDUAL SPECIALTIES».....	37
(VII) OVERVIEW OF STRENGTHS/ BEST PRACTICES FOR EACH STANDARD	40
(VIII) REVIEW OF QUALITY IMPROVEMENT RECOMMENDATIONS FOR EACH STANDARD	41
Appendix 1. Estimated table "PARAMETERS OF SPECIALIZED PROFILE»	44

(I) LIST OF SYMBOLS AND ABBREVIATIONS

ECTS	- European Credit Transfer and Accumulation system
KPI	- Key Performance Indicator
DB	- Data base
PPP	- Public-private partnership
EAPATIS	- Eurasian patent information system
CCES	- Committee for control of education and science
MES RK	- Ministry of education and science of the Republic of Kazakhstan
EP	- Educational program
RW	- Research work
MRW	- Master's research work
DRW	- Doctoral research work
TVE	- Technical and vocational education
HE	- Higher education
AIS	- Automated information system
ICT	- Information and communication technologies
NTC	- National testing center
ITP	- Individual training plan
CT	- Complex testing
JD	- Job description
AMP	- Administrative and managerial personnel
TSS	- Training and support staff
EMCD	- Educational and methodical complex of discipline
RC	- Research center
UNT	- Unified national test
GPA	- Grade Point Average
SL	- Scientific library

(II) INTRODUCTION

In accordance with order No. 60-19-OD from 03.05.2019 Independent Agency for accreditation and rating from 20 to 23 May, 2019, the external expert panel conducted evaluation of compliance of educational programs (6M060100/7M05401 – Mathematics, 6D060200/8D06101 – Informatics, 6D060700/8D05101 – Biology, 6D080100/8D08101 - Agronomy) in A. Baitursynov Kostanay State University with the standards of primary specialized accreditation (from "25" May, 2018, No. 68-18/1-OD, first edition).

The report of the external expert committee (EEC) contains the assessment of compliance of activity of A. Baitursynov Kostanay State University within the primary accreditation criteria of the IAAR, the recommendations of the EEC to further improve the parameters of educational programs and specialized settings profile.

The composition of the EEC:

1. **The Chairman of the Commission** – Kuanyshbek Shunkeyevich Shunkeyev , D. SC.M.D., Professor of K. Zhubanov Aktobe Regional University (Aktobe);
2. **Foreign expert** – Māris Kļaviņš (Maris Klavins), Dr.habil.chem., Prof., Faculty of geography and earth sciences, University of Latvia, expert of the Academic information centre (AIC) (Riga, Latvia);
3. **Foreign expert** – Alexander Gorylev, candidate of law, associate professor, N.I Lobachevsky Nizhny Novgorod National Research State University (Nizhny Novgorod, Russia);
4. **Expert** – Sergey Nikolsky, PhD, Professor, E. A. Buketov Karaganda State University (Karaganda);
5. **Expert** Lazzat Kadyraliyevna Sarsenova , C.b.s., Al-Farabi Kazakh national University. (Almaty);
6. **Expert** Saule Salimzhanova Aldabergenova , PhD, S. Seifullin Kazakh agrotechnical University. (Nur-Sultan);
7. **Expert** – Kuat Shaipollaulay Nurgazy , D. a.c.s., Professor, Kazakh National Agrarian University (Almaty);
8. **Expert** Altay Yegamberdiyevich Usenbayev , candidate of veterinary Sciences, associate Professor, S. Seifullin Kazakh Agrotechnical University. (Nur-Sultan);
9. **Expert** Altyn Narymovna Zhabantayeva, senior lecturer, master of veterinary science, West Kazakhstan's innovative-technological University (Uralsk);
10. **Expert** Tatyana Vasilyevna Shevyakova , doctor of philological sciences. Professor, Abylai Khan Kazakh University of international relations and world language (Almaty);
11. **Expert** Gulnar Arushanova Mukhametkaliyeva , candidate of philological sciences, Professor of Academy, Academy Kainar (Almaty);
12. **Expert** – Gulshat Ramazanovna Nurymbetova , doctor of political sciences, Professor, Abai Kazakh national pedagogical University (Almaty);
13. **Expert** Vera Tokenovna Abisheva , doctor of philological sciences. Professor, Buketov Karaganda State University (Karaganda);
14. **Expert** Nurlana Baurzhanovna Alimbekova , M.t.s., S. Amanzholov East Kazakhstan State University (Ust-Kamenogorsk);
15. **Expert** Kulziya Akrashevna Kalymova , M. t.s., PhD, L. Gumilev Eurasian National University (Nur-Sultan);
16. **Expert** Zhuldyz Oryntaikyzy Oshakbayeva, C.b.s., associate Professor, Kazakh National Agrarian University (Almaty);
17. **Employer** – Lyudmila Yurievna Akinyan , head of Corporate University of JSC "Group of companies Allure", the center of training and staff development LLP "Saryarkaavtoprom" (Kostanay);

18. **Employer** – Aigul Turysbekovna Ismailova, project manager of the chamber of entrepreneurs of Kostanay region (Kostanay);
19. **Student** Aida Bagdatovna Abeldinova, doctoral student of the 3rd course (vet. medicine), S. Seifullin Kazakh Agrotechnical University. (Nur-Sultan);
20. **Student** Aidan Mukhamedzhankyzy Idrissova, 2nd year student (History), U. Sultangazin Kostanay State Pedagogical University. (Kostanay);
21. **Student** Vladlena Sergeevna Mikhailyuk, 2nd-year student (Mathematics), U. Sultangazin Kostanay State Pedagogical University. (Kostanay);
22. **Student** Zhanbota Zhaksylykkyzy Akhmet, 2nd-year student (Biology), U. Sultangazin Kostanay State Pedagogical University. (Kostanay);
23. **Student** Ruslan Yermakanovich Ansabayev, 2nd-year student (Agronomy), M. Dulatov Kostanay Engineering Economic University (Kostanay);
24. **Observer of the Agency** – Nurgul Alimovna Kydyrmina, head of the information-analytical project of the IAAR (Nur-Sultan);

(III) PRESENTATION OF THE EDUCATION ORGANIZATION

Kustanay State University was founded on August 6, 1992, by the Resolution of the Cabinet of Ministers of the Republic of Kazakhstan № 662 by the reorganization of 50th anniversary of the USSR University Kustanay State Pedagogical Institute. On April 3, 1996 on the basis of the Decree of the Government of the Republic of Kazakhstan № 384 Kustanay State University was renamed to Akhmet Baitursynov Kustanay state University.

In accordance with article 9 of the Law of the Republic of Kazakhstan of December 9, 1993, the decree of the President of the Republic of Kazakhstan of June 17, 1997 changed the transcription of the city of Kustanay to Kostanay. The name of the University was changed to Akhmet Baitursynov Kostanay State University (hereinafter - A. Baitursynov KSU).

On February 14, 2000, in accordance with the Decree of the Government of the Republic of Kazakhstan №236, Kostanay agricultural Institute entered A. Baitursynov KSU, and on February 3, 2004, in accordance with the Decree the Government of the Republic of Kazakhstan №128, State Pedagogical Institute was allocated from A. Baitursynov KSU.

The work of the University is carried out on the basis of the current state license to conduct educational activities (No. 12020851 of 11 December, 2012).

The University has a three-level system of training: higher education (bachelor), postgraduate education (master's and doctoral).

The structure of the University includes 7 faculties. Training is conducted in 33 bachelor's, 28 master's and 17 doctoral specialties.

The contingent of students of the University on February 1, 2019, is 4582 people.

The total number of teaching staff of the University is 458 people, 366 of them are full-time. Doctors of science - 29, PhD - 140, PhD 16. The percentage of University degree is 50.5 %.

According to the results of the 2017-2018 academic year, the number of University graduates amounted to 1228 people, 83% of them are employed. At the same time, the average employment rate in the Republic is 67%.

Training of students on accredited educational programs is carried out in accordance with the current legislative and legal acts of the Ministry of education, development plans of OEP, agreed with the Strategic plan of KSU for 2015-2020, with the mission, vision and strategy of the University.

In 2014, A. Baitursynov KSU received a certificate of institutional accreditation for a period of five years, with registration number IA № 0039.

The University has implemented and certified the quality management system based on ISO 9001:2000 with the presentation of certificates of conformity of the Association "Russian

Register" and IQNet., and since October 2009 – according to the new version of ISO 9001:2008.

In 2018, KSU ranked 10th position in the General ranking of the best multidisciplinary universities of Kazakhstan in 2018 in an Independent Agency for quality assurance in education, Webometrics – 15336 position of the site of the University among the world universities

(IV) DESCRIPTION OF THE PREVIOUS ACCREDITATION PROCEDURE

Educational programs 6M060100/7M05401 – Mathematics, 6D060200/8D06101 – Informatics, 6D060700/8D05101 – Biology, 6D080100/8D08101 - Agronomy undergo accreditation the IAAR for the first time.

(V) DESCRIPTION OF THE VISIT

Work of EEC was carried out on the basis of the approved and in advance coordinated Program of the visit of the expert Committee of NAAR within specialized accreditation of A. Baitursynov Kostanay State University in the period from 20 to 23 May 2019.

To coordinate the work of the EEC on May 19, 2019, a meeting was conducted, at which powers were distributed between the members of the Commission, they revised the schedule of the visit, agreed in the choice of methods of examination.

In order to obtain objective information on the evaluation of the University, the members of the EEC used such methods as visual inspection, observation, interviewing employees of various departments, teachers, students, graduates and employers, questioning of the teaching staff, students.

All conditions were created for the work of EEK, access to all necessary information resources was organized. Meetings of the EEC with the target groups were held in accordance with the updated program of the visit, in compliance with the established time period. From the team of A. Baitursynov Kostanay State University the presence of all persons specified in the program of the visit was provided.

In accordance with the requirements of the standards, the Program of the visit covered meetings with the rector, Vice-rectors, heads of departments, deans, heads of departments of the University, teachers, students, graduates, employers and employees from various departments, interviewing and questioning of teachers and students. A total of 281 people took part in the meetings (table 1).

Table 1. Information about employees and students who took part in meetings with EEK IAAR:

Category of participants	Number
Rector	1
Pro-rectors	3
Heads of structural units,	19
Deans of faculty	5
Heads of department	15
Teachers	84
Students	94
Graduates	30
Employers	30
Total	281

The experts visited the educational building of humanitarian-social faculty, faculty of information technology, agro-biological faculty (laboratory of grain quality laboratory of plant protection, laboratory of processing of plant raw materials), faculty of veterinary science and livestock production, sports halls, a scientific library "Bilim ortalıygy", research and innovation center, a Digital hub "Parasat", the Student's hostel No. 1, Entomological Museum, Student canteen.

In accordance with the accreditation procedure, a survey was conducted of 73 teachers, 80 students, undergraduates and doctoral students.

Members of the EEC visited the base practices of the accredited programs: LLP "Firm SAPA K" GU "Management of natural resources and regulation of nature management of the akimat of Kostanay region", LLP Plastokno, too "OH Zarechnoye", KKH "Terra", LLP "Sadchikovskoe".

In order to confirm the information provided in the self-assessment report, the University's working documentation was requested and analyzed by external experts. In particular, the Strategic Plan for the development of the University until 2020, the work plans of faculties, departments, Department of Academic Affairs, educational and methodical Department, Department, Department of science and postgraduate education, Dean's office for work with students, EMCDs in disciplines, theses.

Along with this, the experts studied the Internet-positioning of the University through the official website <http://ksu.edu.kz/>

As part of the planned program, recommendations for improving the University's activities, developed by the EEC on the results of the examination, were presented at a meeting with the leadership on May 23, 2019.

(VI) COMPLIANCE WITH SPECIALIZED ACCREDITATION STANDARDS

6.1 STANDARD "EDUCATIONAL PROGRAM MANAGEMENT»

- The organization of higher and (or) postgraduate education should have a published quality assurance policy. The quality policy should reflect the link between research, teaching and learning.
- The organization of higher and (or) postgraduate education should demonstrate the development of a culture of quality assurance, including in the context of the EP.
- Commitment to quality assurance should apply to all activities performed by contractors and partners (outsourcing), including joint/double-degree education and academic mobility.
- The EP management demonstrates a willingness to ensure the transparency of the development plan of OP based on the analysis of its functioning, the actual positioning of EO and focus its activities to meet the needs of the state, employers, students and other stakeholders. The plan should contain the terms of the start of the educational program.
- The EP management demonstrates the existence of mechanisms of formation and regular revision of the development plan of the EP and monitors its implementation, evaluate achievement of learning objectives, meet the needs of students, employers and society, decision-making aimed at continuous improvement of OP.
- The management of the EP should involve representatives of stakeholder groups, including employers, trainees and teaching staff in the development of the EP.
- The management of the EP should demonstrate the individuality and uniqueness of the development plan of the EP, its consistency with national priorities and development strategy of the organization of higher and (or) postgraduate education.
- The organization of higher and (or) postgraduate education should demonstrate a clear definition of those responsible for business processes within the EP, a clear distribution of staff responsibilities, the division of functions of collegial bodies.
- The management of the EP should provide evidence of the transparency of the educational program management system.
- The management of the EP should demonstrate the existence of an internal quality assurance system of the EP, including its design, management and monitoring, their improvement, decision-making on the basis of facts.
- The management of the EP should manage risks, including within the framework of the EP undergoing primary accreditation, as well as demonstrate a system of measures aimed at reducing the risk.
- The management of the EP should ensure the participation of representatives of employers, teaching staff, students and other interested persons in the collective management bodies of the educational program, as well as their representativeness in decision-making on the management of the educational program.
- The EO should demonstrate innovation management within the EP, including analysis and implementation of innovative proposals.
- The EP management should demonstrate evidence of openness and accessibility to learners, faculty, employers and other stakeholders.
- The management of the EP should be trained in education management programs.

The evidence part

At the University, training on educational programs of postgraduate education is carried out in accordance with the State license of the RK MES series No. 12020851 from 11.12.2012 for educational activities with validity period without restrictions.

Training in a magistracy according to the EP 6M060100/7M05401– Mathematics is conducted according to Annex to the State license for educational activities №017 from 24.01.2018 Training in the magistracy is carried out on a full-time basis for 1 and 1.5 years - for the profile direction and 2 years - for the scientific and pedagogical direction. Assigned academic degree - master of science.

Training in doctoral studies at the EP 6D080100/8D08101- Agriculture is conducted according to Annex to the State license No. 008 of 29 April 2016.

The EP 6D060200 /8D06101 - Informatics according to Appendix to the State license № 011 from 21.05.2016

6D060700/8D05101 Biology is conducted on the basis of the application to the State license №027 from 16.04.2018

Training of specialists is carried out according to the Classification of areas of training with higher and postgraduate education. Language learning – the state, Russian and English language.

The University has demonstrated the existence of a policy in the field of quality education, which is available on the website of the University [www.http://ksu.edu.kz](http://ksu.edu.kz) and available to interested parties.

The University has developed an internal system of quality assurance of the EP, including its design, management and monitoring.

Quality assurance policy 6M060100/7M05401 – Mathematics, 6D060200/8D06101 – Informatics, 6D060700/8D05101 – Biology, 6D080100/8D08101 - Agronomy is confirmed.

The University has implemented and certified the quality management system based on ISO 9001:2000 with the presentation of certificates of conformity of the Association "Russian Register" and IQNet., and since October 2009 – according to the new version of ISO 9001:2008.

The principles of corporate management were introduced by expanding the functions of collegial management bodies and increasing their openness, objectivity and transparency, attracting students and employers to manage. Communication with employers is being systematically strengthened. All stakeholders are involved in the process of improving the quality of education: administration, students, teachers, employers, state and public organizations.

The system of internal quality assurance of education at the University is formalized in the form of the Statement of "Quality Assurance System at the University" P 007-2019 and supports the development of quality culture in which all stakeholders assume responsibility for quality at all levels of functioning of the University.

For further development of the quality assurance system, the main documents have been developed and approved: The Charter of the University, internal regulations, Code of honor of the teacher, honor Code of the officer, the honor Code of the student, Code of academic integrity.

The University has a system of anti-Plagiarism, establishing uniform requirements for ethics and quality of performance of professional duties of students and University staff.

The implementation and development of accredited educational programs are determined primarily by the mission, vision, development strategy of the University, as well as Plans for the development of educational programs.

The quality policy reflects the link between research, teaching and learning and plays a key role and is strengthened by the University's entry into the European higher education area.

The effectiveness of the development plan of the EP is provided by the responsibility of the teaching staff for the final results, delegation and delimitation of powers, posting information on the website of the University.

To manage business processes, the University is guided by ECTS standards and directives. To support the main business processes, the University developed a set of internal regulatory documents regulating the implementation of the EP.

To develop and regularly adjust the EP, Committees on curricula and programs have been established with the involvement of specialists from both internal and external environment, including students, faculty and employers. The representativeness of employers involved in the design and implementation of each educational program is demonstrated.

The EP 6D080100/8D08101- Agronomy, carried out in accordance with the laws "On education", "On science", "On languages in the Republic of Kazakhstan", regulatory documents of the Ministry of education and science of the Republic of Kazakhstan, the documents developed by the departments of A. Baitursynov KSU and in accordance with the Development Plan of the EP.

The development plan of the EP in the specialty developed with the participation of stakeholders: studying, training, employers – head of the laboratory of plant protection OH Zarechnoe by N. Mukhtarov, head of the laboratory of plant breeding of oilseeds R. Iskakov.

The plan of development of the EP for 2017-2022 is drawn up for the future and discussed at meetings of the Department of Agronomy. The development plan of the EP specialty 6D080100/8D08101 was approved at faculty meeting from 28.08.2018 year, Protocol № 8.

The doctoral EP involves both domestic and foreign experts from leading research institutes and Universities, who are consultants of doctoral theses (Mais Ondokuz (Samsun) – Zh.B. Zharlygasov), South Ural Institute of horticulture and potato – V. V. Taikov, Federal state budget scientific institution "Federal scientific center "V. S. Pustovoit All-Russian Research Institute of oil crops" - M.B. Tasmagambetov, V. G. Plotnikov Samara state agricultural Academy – D. S. Kaltaeva, Belgorod state national research university - N.A. Erish Novosibirsk state agricultural University – B. M. Yeleuov).

In developing the plan and its discussing, employers participate – the specialists of LLP "Kostanay agricultural research Institute"; LLP "Karabalyksky ACES", LLP "Akbidai agro", KKH "green thumb", LLP "Trojan", LLP "Terra", LLP "Kamenskuralsky", etc.

Monitoring of the implementation of the plan is carried out annually, which is reflected in the protocols of the Department with a mandatory discussion of achievements and shortcomings and, if necessary, make adjustments (minutes № 4 from 28.04.2009)

Management of the EP of specialty 6D080100/8D08101- Agronomy is carried out in accordance with the organizational structure of the University: Chairman of the Academic Council; Vice-rectors; heads of departments; Dean of the faculty of agrarian and biological N. E. Kalimov; head of the Department of agronomy V. M. Karaseva.

The uniqueness and individuality of this EP 6D080100/8D08101-Agronomy are that its theoretical and practical components are directed on formation of competences in the field of research for improving the productivity of agricultural crops.

The implementation of the EP involved teaching staff with significant experience in the production and research experience (Ahmet A. Z., Mishchenko V. V., Orazbayev K. S., Shilov M. P.).

To implement the EP, representatives of employers are involved as leaders of the practical training of students (Tulkubaeva S. A., Taikov V. V., M. B. Tasmagambetov.).

Thus, on the basis of these recommendations, the EP includes disciplines that form competencies in the field of digital technologies (Precision agriculture). (Advice from LLP "Karabalyksky ACES" - head of R. Iskakov laboratory of oil crops

The EP management operates on the principles of openness and accessibility for students, faculty and employers. The University website contains information about the departments, contact details of the faculty.

All University documents on the development of the EP quality are available on the website of the University <http://ksu.edu.kz/portal/>. Strategic documents for the development of faculties and departments are available to faculty, staff and students in the structural units of the University.

Interviewing the heads of the EP and analysis of the submitted documentation confirmed the uniqueness of accredited 6M060100/7M05401 – Mathematics, 6D060200/8D06101 – Informatics, 6D060700/8D05101 – Biology, 6D080100/8D08101 - Agronomy to similar educational programs in other universities that lie in the presence of flexible trajectories:

- in the EP "6D080100/8D08101 - Agronomy»: "Technology of cultivation of grain and industrial crops", "Field and grassland forage production".

-in the EP "6M060100/7M05401 – Mathematics»: "Fundamental mathematics" and "Modern mathematical education".

-in the EP "6D060200/8D06101 – Informatics»: "Speech information systems", "Computer systems Design", "Computer vision".

- in the EP "6D060700/8D05101 – Biology»: "Molecular biology and biochemistry of plants" and "Modern botany".

Training for the modular educational programs attract business and practitioners to the educational process, the presence of branches of the Department (LLP "Kostanay agricultural research Institute" LLP, "Karabalyksky ACES", KKH "Sadovod", LLP "Terra") at the enterprises for the EP 6D080100/8D08101 - Agronomy.

All this allows departments of the accredited EP to provide a high level of employment of graduates to create conditions to meet the needs and interests of the region.

To support the main business processes, the University developed a set of internal regulatory documents regulating the implementation of the EP. The analysis of the University structure showed a clear division of responsibility for business processes.

EEC experts during the interviewing of employers, students, teachers, the study of internal regulatory documents regulating the implementation of the EP, information on the website got convinced about the transparency of the management system of the educational program.

Necessary information, personnel, financial, material and technical resources, as well as regulatory and legal documentation to ensure the implementation of educational programs are available for the management of the EP.

In the EP in the context of specialties managers were trained in programs of education management held in 2018, the head of the Department of Mathematics Utemisov A. A., head of the Department of Biology and chemistry Sultangazin G. Zh., head of the Department of Agronomy Karaseva V. M., which is confirmed by certificates.

Analytical part

The Committee notes that:

- on accredited specialties of the cluster, some work has been done to strengthen the documentation of all major business processes regulating the implementation of the EP;

- analysis of information on the implementation of the EP by considering these issues at the meetings of the Department, the educational and methodical Committee and the Academic Council of the University.

The University ensures transparency of the educational program management system. Thus, on the website of the University in the sections "Rector's Blog", "Management", "Structure", "Faculties" provides information about the management of the University (rector, Vice-rector of the relevant areas, deans, heads of departments). In the rector's blog, you can directly ask him/her questions. Students, employees and interested persons can personally contact the heads of departments, deans, Vice-rectors, rector in a specially allotted time.

According to the results of the survey of the teaching staff:

- 5.5 % of teaching staff assess "relatively poor" the possibility of combining teaching with research;

- 5.5 % of teaching staff assess "relatively poor" the possibility of combining teaching with research;

According to the results of the survey, the level of availability and responsiveness of the University management is "very good" - 64.4%, "good" - 34.2% of teaching staff.

Strengths/best practices

- *The University has a published quality assurance policy, the quality assurance policy reflects the relationship between research, teaching and learning.*

- *The University demonstrated the development of a culture of quality assurance, including in the context of the EP.*

The management of the EP should involve representatives of stakeholder groups, including employers, trainees and teaching staff in the development of the EP.

The recommendations of the EEC for 6M060100/7M05401 – Mathematics, 6D060200/8D06101 – Informatics, 6D060700/8D05101 – Biology, 6D080100/8D08101 - Agronomy:

- *To hold a public discussion of the development plans of the EP with representatives of all stakeholders.*

- *To develop a risk management procedure for the EP, assess the risks of educational programs and develop measures to reduce them.*

- *To intensify the participation of students and teachers in competitions of research projects for grants.*

- *For the timely defense of doctoral theses, it is necessary to develop a program for the organization of the Dissertation Council.*

The findings of the EEC's criteria for 6M060100/7M05401 – Mathematics, 6D060200/8D06101 – Informatics, 6D060700/8D05101 – Biology, 6D080100/8D08101 - Agronomy:

EEC notes that this standard "Educational program" on the 3 criteria in this standard have a strong position, 10 - satisfactory position, 2 - require improvement.

6.2 STANDARD INFORMATION MANAGEMENT AND REPORTING

➤ The EO should demonstrate the existence of an information collection, analysis and management system based on the use of modern information and communication technologies and software, and that it uses a variety of methods to collect and analyze information in the context of the EP.

➤ The management of the EP should demonstrate that there is a mechanism for the systematic use of processed, adequate information to improve the internal quality assurance system.

➤ The management of the EP should demonstrate fact-based decision-making.

➤ Within the framework of the EP, a system of regular reporting should be provided, reflecting all levels of the structure, including an assessment of the effectiveness and efficiency of the activities of units and departments, research.

➤ The EO should establish the frequency, forms and methods of evaluation of the management of the EP, the activities of collegial bodies and structural units, senior management, implementation of research projects.

➤ The EO should demonstrate the order and security of information, including the identification of those responsible for the accuracy and timeliness of information analysis and reporting.

➤ An important factor is the availability of mechanisms for involving students, employees and teaching staff in the collection and analysis of information, as well as decision-making based on them.

➤ The management of the EP should demonstrate that there is a mechanism for communication with learners, employees and other stakeholders, as well as conflict resolution mechanisms.

➤ The EO should demonstrate that mechanisms are in place to measure the satisfaction of the needs of the teaching staff, staff and trainees within the EP.

➤ The EO should provide for performance and effectiveness evaluation, including in the context of the EP.

➤ The information to be collected and analysed by the EP should take into account:

- key performance indicators;

- dynamics of the contingent of students in the context of forms and types;

- the level of academic achievement, student achievements, etc;

- satisfaction of students with the implementation of the EP and the quality of education at the University;

- availability of educational resources and support systems for students.

➤ The EO must confirm the implementation of procedures for processing personal data of students, employees and

teaching staff on the basis of their documentary consent.

The evidence part

The University has implemented information management processes, including information collection and analysis processes. The University has an information technology department, which is responsible for the information and technical support of accredited EP.

Dissemination of information and feedback is carried out through meetings of collegial bodies, working groups created to solve urgent problems.

The following information technologies have been introduced in the management of the University: an informational website of the University (www.ksu.edu.kz) and internal portal (<http://ksu.edu.kz/portal/>), an automated information system of educational process management "Platonus", "E-schedule" OP students, distance learning system "Moodle", the electronic library of the University information systems and resources of the library.

The departments record documents in accordance with the approved nomenclature of cases, ensured the safety and archiving of documents. Internal mailing for the University departments is done by the mail server MS Outlook.

Decisions on the issues discussed are communicated to stakeholders through distribution on paper, as well as on the internal local network Outlook.

Information system "Rating" automates the maintenance and accounting of the individual work plan of the teacher. Teachers carry out the filling in the individual performance plan and report its implementation on the internal portal, by entering the address <http://pps.ku/> (access from the external network is carried out at <http://pps.ksu.edu.kz/>) and using their logins and passwords. The data is transmitted to the rating information system, which analyzes them and generates reports in the context of teachers, departments and faculties.

For timely input of reliable data in "Platonus" and the subsequent formation of reporting information at the University identified responsible persons. The frequency of input and reliability of information in "Platonus" is regulated by the regulations of the University.

An automated information system "Electronic UNIVERSITY" was developed and implemented. "Office-Registrar", which is annually updated and improved to enter, collect, analyze and manage all information related to the movement and history of educational achievements of students.

All processes of credit technology implementation are automated using the capabilities of the University's corporate computer network. The presence of an internal information and educational portal, an extensive corporate network that allows any computer to access all information resources, creates the necessary conditions for quality training and development of the teaching staff.

The system of monitoring the implementation of plans for the development of the educational program of the cluster includes the following mechanisms: annual reports of departments and faculties; internal audits; consideration of the development of different areas of training at the collegial bodies.

Feedback is established with students, allowing to identify their satisfaction with the quality of the implemented EP. During the conversation with the students, they noted the availability of the opportunity to turn to the leadership with certain problems.

The order of work with personal data is established by Regulations on the protection of personal data of employees of A. Baitursynov KSU (P. 010-2019), developed in accordance with the current legislation of the Republic of Kazakhstan in order to establish the procedure for the collection, processing, storage and use of personal data of University employees.

Analytical part

On the analysis of compliance with the criteria of the standard "information Management and reporting" for accredited EP, the Commission notes the following: the University has a system of information management and reporting. Data are stored in electronic and paper format in accordance with the nomenclature.

Databases available at the University, allow you to generate a variety of analytical reports.

A regular survey of students, employees, staff, employers, the results of which are taken appropriate measures to address the shortcomings and improve the EP.

Feedback is established with students, allowing to identify their satisfaction with the quality of the implemented EP. During the conversation with the students, they noted the availability of the opportunity to turn to the leadership with certain problems.

Interviews with teachers and students showed that suggestions and recommendations from stakeholders are echoed in management decisions. Thus, on the basis of these recommendations, the EP includes disciplines that form competencies in the field of digital technologies (Precision agriculture). (Advice from LLP "Karabalyksky ACES" - head of R. Iskakov laboratory of oil crops

According to the survey results, 32.6%, 62.8%, "good" and 4.7% "relatively bad" answered the question about the assessment of the involvement of the teaching staff in the process of acceptance of management and strategic decisions "very good".

Strengths/best practices

The EO should demonstrate the existence of an information collection, analysis and management system based on the use of modern information and communication technologies and software, and that it uses a variety of methods to collect and analyze information in the context of the EP.

- The information expected to be collected and analyzed in the framework of the EP takes into account the dynamics of the contingent of students in the context of forms and types, satisfaction of students with the implementation of the EP and the quality of training at the University, the availability of educational resources and support systems for students.

- The University confirms the implementation of procedures for processing personal data of students, employees and on the basis of their documentary consent.

The recommendations of the EEC for 6M060100/7M05401 – Mathematics, 6D060200/8D06101 – Informatics, 6D060700/8D05101 – Biology, 6D080100/8D08101 - Agronomy:

- To provide analysis of information on the quality and implementation of educational programs in order to identify and predict risks.

The findings of the EEC's criteria for 6M060100/7M05401 – Mathematics, 6D060200/8D06101 – Informatics, 6D060700/8D05101 – Biology, 6D080100/8D08101 - Agronomy:

EEC notes that this standard "Educational program" 5 criteria in this standard have a strong position, 10 - satisfactory position, 2 - require improvement.

6.3 STANDARD "DEVELOPMENT AND APPROVAL OF THE EDUCATIONAL PROGRAM»

- The EO should define and document the procedures for developing and approving the EP at the institutional level.
- The management of the EP should ensure that the developed EP meets the stated objectives, including the expected learning outcomes.
- The management of the EP must ensure that it has developed models of the graduate of the EP describing the learning outcomes and personal qualities.
- The management of the EP should demonstrate external reviews of the content of the EP and the planned results of its implementation.
- The qualifications assigned at the end of the EP should be clearly defined and correspond to a certain level of the NSC.
- The management of the EP should determine the impact of disciplines and professional practices on the formation of learning outcomes.
- An important factor is the possibility of training students for professional certification.
- The management of the EP should provide evidence of the participation of students, faculty and other stakeholders in

the development of the EP, ensuring their quality.

- The complexity of the EP should be clearly defined in Kazakhstan credits and ECTS.
- The management of the EP should ensure that the content of academic disciplines and planned results are consistent with the level of training (bachelor's, master's, doctoral).
- The structure of the EP should include various activities to ensure that students achieve the planned learning outcomes.
- An important factor is the correspondence of the content of the EP and learning outcomes of OP, implemented by organizations of higher and (or) postgraduate education in the epvo.

The evidence part

Development and approval of educational programs at the University are carried out in accordance with the provisions of legal acts in the field of higher and postgraduate education, as well as documentation developed by the University to ensure transparency and clarity of implementation of the development strategy.

The accredited EP cluster 6M060100/7M05401 – Mathematics, 6D060200/8D06101 – Informatics, 6D060700/8D05101 – Biology, 6D080100/8D08101 - Agronomy of the University are provided with educational-methodical documentation in accordance with Kazakhstan requirements: state educational standards; working curricula of specialties; working curricula of disciplines.

Educational programs of doctoral studies and graduate programs at the University are developed in accordance with the requirements of normative documents of the RK MES of the State obligatory standard of postgraduate education of the Republic of Kazakhstan approved by the decree of the Government of the Republic of Kazakhstan from October 31, 2018 No. 604, Standard rules for activities of organizations of higher and postgraduate education approved by the decree of the Government of the Republic of Kazakhstan dated October 30, 2018 No. 595, the Rules of organization of educational process on credit technology, approved by order of the Minister of education and science of the Republic of Kazakhstan from October 12, 2018 No. 563, National and sectoral qualifications framework, professional standards (if any), based on the analysis of the labour market and recommendations of employers. Educational programs are aimed at learning outcomes and are built on a modular basis.

Educational programs are developed by Committees on curricula and programs. The purpose, objectives and functions of the curriculum and program Committees are presented in the Regulation "curriculum and program Committee". This Provision is placed on the informational-educational portal of the University http://ksu.edu.kz/portal/zakony_pravila_polozheniya_instrukcii_obrazovatel'naya_deyatelnost/. The curriculum and program Committees are composed of the most experienced teachers and students. The composition is approved at a meeting of the educational and methodical Council.

Students annually form their individual curriculum. The procedure for recording undergraduates and doctoral students to study the disciplines is organized by the registration department with the involvement of deans, departments, advisors. The entry for academic courses is held for graduate and doctoral students of the first second and senior courses in accordance with the academic calendar (http://ksu.edu.kz/portal/uchebnyj_process/akademicheskie_kalendari_specialnostej_universitet/).

Educational programs consist of two parts: mandatory (according to the model curriculum) and elective. The elective subjects of the component are presented in the Catalogs of elective subjects, which are developed for the full term of study and is an Annex to the curriculum of the specialty. The catalog of elective subjects contains a list of elective subjects and a brief description of them, indicating the purpose of study, content and expected learning outcomes. Directories of the accredited EP located on the University website - http://ksu.edu.kz/portal/uchebnyj_process.

The structure of the modular educational program is given at the following link: http://ksu.edu.kz/education/programms/perechen_specialnostej_doktorantury/informatika. The educational program of doctoral studies is developed in the form of a set of documents that are updated with the development of science, culture, economy, technology, technology and social

sphere, and contains: General characteristics of modular educational programs; the catalog of elective disciplines; EMCD, including work training programs (syllabus); end-to-end program practices; program state total certification; development of the educational program.

For all levels of the EP, graduate models have been developed with a description of the mandatory minimum of knowledge, skills, providing basic education and the specifics of each educational program.

Departments developed through program practices. The University signed contracts with large companies to pass all kinds of practices of students the accredited EP.

In order to identify the degree of satisfaction of employers with the quality of training of graduates and their compliance with the requirements of the Department, fairs of graduates are held, during the internship, the heads of enterprises of the practice bases give feedback on the quality of training of students.

Various types of knowledge control included in the EMCD allow assessing the effectiveness of mastering professional competences by students.

In the process of design and implementation of the EP, the formation of popular competencies of graduates involved employers.

All educational programs of master's/doctoral programs have been examined by professors of both foreign and Kazakh partner universities.

The EP 6M060100/7M05401 - Mathematics received an expert opinion from the doctor of pedagogical Sciences, Professor, Department of applied mathematics and Informatics G.I. Nosov Magnitogorsk State Technical . University Romanov, who noted that the structure and content of the modular education program 6M060100/7M05401 Mathematics are designed to meet the needs of the labor market, in line with comparable master's programs of the European educational space and to achieve expected learning outcomes.

Examination the EP 6D060200/8D06101 – Informatics held a doctor of technical Sciences, Professor, Novosibirsk state technical University, M. G. Grif. He said that professional requirements are consistent with the social and professional skills of the EP, the content of the EP is to ensure complete training in areas established by the specialty.

Expert opinion on the EP 6D060700/8D05101-Biology from Aidarkhanova G. S., doctor of biological Sciences, associate Professor S. Seifulin Kazakh Agrotechnical University, in which it is noted that this educational program is modern and meets the standards of education.

Examination of the EP 6D080100/8D08101 – agronomy held a doctor of agricultural Sciences, Professor of Belgorod scientific research University V. A.Korobov. He said that professional requirements are consistent with the social and professional skills of the EP, the content of the EP is to ensure complete training in areas established by the specialty.

Development plans have been developed to improve the educational program. In the process of forming the development plan of the EP, the teaching staff, employers, students were involved . This plan provides for various activities aimed at the development and improvement of the educational program.

The organization of professional practices at the University is regulated by the normative reference document: The provision of the "Professional practice of students" P 062.097-2016. As a basis for the professional practice of students organizations whose statutory activities correspond to the profile of training and the requirements of the educational program of doctoral studies with qualified personnel for the management of the professional practice and material and technical base are selected. At the University at the end of the practice students submit the report and diary signed by the head of the database practices to the Department.

The theme of graduate / doctoral students is focused on the collection, analysis, processing of scientific literature, research and experiments, so the choice of the place of professional practice is due to the possibility of performing research in the framework of dissertations.

The complexity of academic disciplines is determined in Kazakhstan loans and ECTS on the basis of the "Rules of the educational process on credit technology training", approved by the

order of the Minister of education and science of the Republic of Kazakhstan dated October 12, 2018 №563, and is fixed in the position of the University.

Recalculation of ECTS credits in the credits of the Republic of Kazakhstan is carried out by dividing ECTS credits by conversion factor.

In some disciplines of the EP specialties cluster, there are video lectures for distance learning students. At the moment, the Bank of recorded video lectures by the cluster teachers is more than 50, in the state, Russian and English languages.

Analytical part

Analysis of the accredited EP for compliance with the criteria of the standard "Development and approval of the educational program" shows that the content of educational programs, the sequence of their implementation, the depth of development in all specialties of training meet regulatory requirements. There are established Committees on curricula and programs, which include teaching staff, employers, students, at the meetings discussed the design, development and approval of the EP and other issues of the educational process. Also for each EP, the head of the OP is appointed and working groups in the specialties are formed for the development of the EP, as well as the definition of the profile and the model of the graduate.

In order to integrate the education system into the international educational space, to better meet the educational needs of students, the University management is doing some work in this direction: agreements on mutual cooperation with other Kazakh and foreign universities have been signed, academic mobility of students to foreign universities is carried out.

The issue of academic mobility of teaching staff on all EP cluster is poorly developed.

At the EP in the issuing departments, the work on the preparation of students to professional certification is poorly carried out.

On the accredited OP, the joint EP is poorly implemented with foreign universities. However, the Department of Informatics implements a joint educational program "Speech information systems" in the specialty of master's degree: 6M060200/7M06101 -Informatics (A. Baitursyniv Kostanay State University) and 09.04.02-Information systems and technologies (St. Petersburg national research University of information technologies, mechanics and optics - ITMO). At the moment the work on coordination of joint educational programs of doctoral studies 6D060200/8D06101-Informatics, the coordination of curricula of master's specialty 6M060100/7M05401 Mathematics and G. I. Nosov Magnitogorsk State Technical University with the Department of applied mathematics and Informatics.

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

- the level of responsiveness to feedback from teachers about the educational process General – 86,3%; in part – 11,3%; partially satisfied and 1.2%, undecided and 1.2%.

Strengths/best practices

- *The University has defined and documented the procedures for the development of the EP and their approval at the institutional level.*

- *The management of the EP ensures that the developed EPs meet the stated objectives, including the expected learning outcomes.*

- *The management of the EP provides the availability of developed models of graduates of the EP, describing the learning outcomes and personal qualities.*

The management of the EP should demonstrate external reviews of the content of the EP and the planned results of its implementation.

- *The management of the EP presented evidence of participation of students, faculty and other stakeholders in the development of the EP, ensuring their quality.*

The recommendations of the EEC for 6M060100/7M05401 – Mathematics, 6D060200/8D06101 – Informatics, 6D060700/8D05101 – Biology, 6D080100/8D08101 - Agronomy:

- To consider the possibility of developing joint and double-degree educational programs with foreign educational organizations.
- To provide training to the EP accredited professional certification.

The findings of the EEC's criteria for 6M060100/7M05401 – Mathematics, 6D060200/8D06101 – Informatics, 6D060700/8D05101 – Biology, 6D080100/8D08101 - Agronomy:

EEC notes that in this standard "Educational program" 5 criteria have a strong position, 10 - satisfactory position, 2 - require improvement.

6.4 STANDARD "CONTINUOUS MONITORING AND PERIODIC EVALUATION OF EDUCATIONAL PROGRAMS»

- The EO should define mechanisms for monitoring and periodic evaluation of the EP in order to achieve the goal and meet the needs of students and society. The results of these processes should be aimed at continuous improvement of the EP.
- Monitoring and periodic evaluation of the EP should include:
 - the content of the programs in the light of the latest achievements of science in a particular discipline to ensure the relevance of the taught discipline;
 - changes in the needs of society and the professional environment;
 - workload, academic performance and graduation;
 - effectiveness of students' assessment procedures;
 - expectations, needs and satisfaction of students with EP training;
 - educational environment and support services and their compliance with the objectives of the EP.
- The EO, the management of the EP should define a mechanism to inform all stakeholders of any planned or undertaken actions with respect to the EP.
- All changes made to the EP must be published. The management of the EP should develop a mechanism to review the content and structure of the EP, taking into account changes in the labour market, employers' requirements and the social demand of the society.

The evidence part

The University conducts constant monitoring and periodic evaluation of the survey, uses the feedback mechanism (survey, interviews, questioning of students, key employers). Monitoring and periodic evaluation of the EP cluster are carried out by departments, faculty. The procedure of planning, development and approval, changes and further improvement of the EP complies with the legal documents governing the implementation of educational programs and is available to all participants of the educational process – teaching staff, employers, students.

To determine the relevance of the content of modular training programs of disciplines, the academic community, which are potential employers for graduates of the examined MOS 6M060100/7M05401 – Mathematics, 6D060200/8D06101–Informatics, 6D060700/8D05101–Biology, 6D080100/8D08101 -Agronomy. The content of the EP corresponds to the SES of Kazakhstan and ensures the completeness of training in accordance with the name of the program and the required depth of training in the field determined by the specialties. The logical sequence of modules is determined by the system of pre - and post-requisites.

Employers are surveyed annually, 92% of respondents are satisfied with the quality of training. Round tables were held at the University: "Problems and prospects of personnel training in the sphere of agriculture within the framework of the program "Digital Kazakhstan"; "Environmental problems of agricultural production in Kazakhstan and Russia in the globalized economy and climate change"; "the Reproductive health of cattle"; "the Practice of applying the criminal legislation of the Republic of Kazakhstan", etc. and meet the employers "Day of 1C: Careers", where competencies are discussed, provides recommendations on which changes are made to educational programs.

To determine the level of satisfaction of students faculties and departments each academic period organizes and conducts a survey of students and employers. Such as:

"Satisfaction with the quality of teaching of discipline", the survey is conducted twice a year on the resource <http://www.ksu.ku/nbook/anketa/anketa3/index.php?lang=ru>; survey of employers "Satisfaction with the quality of training of graduates"; survey of practice managers from the production "Satisfaction of the head of practical training of students of the University"; feedback from students about the passage of professional practices (in diaries) and at the final conferences.

Monitoring load, performance and evaluation of the quality of preparation of students and graduates, as evidenced by the minutes of the meetings of the SEC, the minutes of the meetings of the departments.

All measures to control the quality of the educational process carried out at different levels, are recorded in the form of records, acts, certificates, reports, etc., and are discussed at meetings of departments, the Faculty Council, the Academic Council of the University. Based on the analysis and evaluation of control indicators, measures are developed to improve the quality of the EP implementation.

The mechanism of assessment of knowledge, skills and professional competence is carried out on the basis of the evaluation fund (FOS), which takes into account attendance, oral and written answers, homework. Evaluation is carried out in the AIS "Electronic University: Educational process.»

Analytical part

EEC confirms that the University carries out continuous monitoring, periodic evaluation and revision of educational programs for the effective implementation of the educational process and is working to create a favorable learning environment for students. Employers are involved in the process of design, development and implementation, as well as revision of the EP, for training, reviewing diploma projects, are members of the state certification Commission.

The University management has demonstrated its openness and accessibility for students, faculty, employers: the hours of reception on personal matters are determined, meetings with the rector are held on a systematic basis.

Employers take part in the development of the EP by making their proposals for new elective disciplines. The University has feedback from employers on the modules of the EP, Mops, CED, graduate models.

Taking into account the changing needs of society and the professional environment in the EP, changes are made in the content of the studied disciplines, the revision of labor intensity, the format of classes.

When studying the state of affairs on the account of the results of the analysis of changes in the labor market, the requirements of employers and social demands of society, letters were provided from employers about the inclusion of new elective disciplines, but the labor market is not monitored on a permanent basis. Therefore, the Commission recommended to conduct on a regular basis monitoring of the labor market, the impact of environmental factors (competitors, the state of the economy, the solvency of consumers, etc.), employers to identify and take into account the expected results of training in the development and updating of the content and structure of the EP, as well . to analyze the labor market using modern methods of SWOT analysis in order to take into account the expected results of training in the content of the EP.

According to the results of the survey, the level of availability and responsiveness of the University was assessed as "fully satisfied" by 76.3%, "partially satisfied" by 21.3% of students.

Strengths/best practices

- *Monitoring and periodic evaluation of the EP provide the content of the programmes in the light of the latest science on specific discipline to ensure the relevance of courses taught, changing needs of society and professional environment.*

The recommendations of the EEC for 6M060100/7M05401 – Mathematics, 6D060200/8D06101 – Informatics, 6D060700/8D05101 – Biology, 6D080100/8D08101 - Agronomy:

- To intensify the participation of the EP in international and national rankings confirming the quality of educational services.

- To consider the possibility of establishing branches of the Department at enterprises in the EP 6M060100/7M05401 Mathematics.

The findings of the EEC's criteria for 6M060100/7M05401 – Mathematics, 6D060200/8D06101 – Informatics, 6D060700/8D05101 – Biology, 6D080100/8D08101 - Agronomy:

EEC notes that in this standard "Continuous monitoring and periodic evaluation of educational programs", 2 criteria have a strong position, 7 - satisfactory position.

6.5 STANDARD "STUDENT-CENTERED LEARNING, TEACHING AND PERFORMANCE ASSESSMENT»

➤ The management of the EP should ensure respect and attention to different groups of students and their needs, provide them with flexible learning paths.

➤ The management of the EP should provide for the use of different forms and methods of teaching and learning.

➤ An important factor is the availability of own research in the field of teaching methods of academic disciplines the EP.

➤ The management of the EP should demonstrate the existence of feedback mechanisms on the use of different teaching methods and evaluation of learning outcomes.

➤ The management of the EP should demonstrate the existence of mechanisms to support the autonomy of students, while at the same time guidance and assistance from the teacher.

➤ The management of the EP should demonstrate that there is a procedure for responding to students' complaints.

➤ The EO should ensure the consistency, transparency and objectivity of the learning assessment mechanism for each EP, including the appeal.

➤ The EO should ensure that the procedures for assessing the learning outcomes of students of the EP are consistent with the planned outcomes and objectives of the programme. The criteria and methods of evaluation for the EP should be published in advance.

➤ The EO should identify mechanisms to ensure that each graduate of the EP achieves learning outcomes and ensure the completeness of their formation.

➤ Evaluators should be familiar with modern methods of assessing learning outcomes and regularly improve their skills in this area.

The evidence part

The management of the University ensures equal opportunities for students regardless of the language of instruction. Training is carried out in the state and Russian languages. For each academic year, Mops and CED are formed, which characterize educational trajectories. Students have the opportunity to choose elective subjects and teachers for the next academic year.

Students receive information about the possibilities of forming an individual educational trajectory with the help of advisors. Monitoring the progress of students on the educational trajectory is carried out on the basis of the system of evaluation of the results of students.

Students are provided with syllabus, EMCD, educational and scientific literature, SIW, SIWT, advice and information resources. Departments provide harmonious development of students taking into account their individual characteristics.

We can give examples of good practice of educational trajectories for the following EP:

- in the EP "6D080100/8D08101 - Agronomy»: "Technology of cultivation of grain and industrial crops", "Field and grassland forage production".

-in the EP "6M060100/7M05401 – Mathematics»: "Fundamental mathematics" and "Modern mathematical education".

-in the EP "6D060200/8D06101 – Informatics»: "Speech information systems", "Computer systems Design", "Computer vision".

- in the EP "6D060700/8D05101 – Biology»: "Molecular biology and biochemistry of plants" and "Modern botany".

In the formation of the ITP, a doctoral student of the EP Biology R. Beishov is trained in the field of "Molecular biology and biochemistry". Thus, the disciplines "Selected chapters of biochemistry and physiology of plants", "Cell and DNA technologies", "Stability and stress factors of plants" were included in the individual trajectory.

A student can study certain disciplines and types of educational activities in other educational institutions, including abroad in the framework of academic mobility.

In the implementation of student-centered learning, the teaching staff seek to build a training course in such a way as to make innovative elements, new techniques. The University teachers use problem-based learning, the technology of critical thinking development, games methods: role-playing, business and other types of educational games; training in cooperation (team, group work); information and communication technologies, project method, Case study and much more. To ensure the educational process, teachers develop manuals, video lectures, electronic educational publications.

A great job on the research of innovative educational technologies laboratory is carried out by the laboratory of innovative educational technologies (LIOT) in the face of the head Aituganova S. N. LIOT together with the teachers-innovators, specialists of the educational-methodical Department develops educational programs on topical directions of improvement of professional skill of the teaching staff.

Every year the Laboratory conducts School of pedagogical mastery, and a variety of courses for professional development (School advisors, "the Creation of an educational Internet resource", «Оқыту үрдісіндегі заманауи инновациялық әдіс-тәсілдер», etc.).

For many years January is the month of the traditional Scientific-practical conference "Innova" (http://ksu.edu.kz/news/innova_2019/) whose main objective is the exchange of experience of teachers, consideration of the most important issues of the educational process, the discussion of contemporary issues of education in Kazakhstan, innovative sources of a new model of a competitive specialist. The conference was attended by teachers, doctoral students and undergraduates not only of our University but also U. Sultangazin Kostanay State Pedagogical University and N.F. Katanov Khakass University.

In 2017, lecturer of biology and chemistry G. Zh. Sultangazin took courses of improvement of qualification "Integration of subjects of the educational environment in the process of formation of research competence of students".

In 2018, the advanced training courses "Modern pedagogical technologies in higher education institutions in the framework of the updated content of education" JSC NCPK Orleu (Almaty) has studied Druk O. V., lecturer in mathematics Dzhaketova S. D., lecturer in computer science Yambaeva A. K., B. J. Zharlygasov

On February 18, 2019 teachers of the Department of Mathematics (A. A. Utemisova), computer science (Muslimov A. Z.), Agronomy (Karaseva V. M.), Biology and chemistry (Druk O. V.) participated as listeners in the workshop "student-centred learning: principles, technologies and conditions of implementation", held by the Department of pedagogy and psychology together with the Laboratory of innovative technologies.

At the Department of biology and chemistry professors Sultangazina G. J., Goblinboy S. A., Druk O. V. applied ICT, mobile learning, problem-based learning, project method, Case study and many more.

At the Department of Informatics in the framework of teaching of discipline "the Study of models and algorithms of analysis of the text" doctorandi 1 course Zhusupova B. T. technology was used project method of learning.

Associate Professor of biology and chemistry O.V. Dryuk carries out activities for the implementation of the educational process of distance learning. A distance course on the discipline "Selected chapters of biochemistry and physiology of plants" was developed. The course was developed in the educational environment of MOODLE and was tested in the first

semester of 2018-2019 academic year. The course developed a control measure in the form of online tests (Photosynthesis, Membrane transport, Hormonal system of plants) and interactive sessions (Cellular respiration, photo regulation); located in RUE, syllabus, lecture complex, plans of practical classes, assignments Wed, exam questions, questions boundaries, and required textbooks and manuals. The presence of distance learning courses and an electronic library allows you to use mobile learning in the learning process.

One of the innovative methods of teaching the accredited EP is the involvement of students in research work on the projects of the Department. At the level of doctoral studies, 100% participate in research.

Students have the opportunity to realize leadership and creative potential. The University has the following student collegiate bodies: Committee on Youth Affairs; Alliance of students of Kazakhstan; youth wing "Zhas Otan, youth public Association "El ertenі KSU", student Council on anti-corruption, youth construction teams, MTO "Zhasyl El", student employment Center, digital hub "Parasat". Clubs and interest clubs are actively working: intellectual club "Sparta", debate club "Akhmet urpaktary" club of women's values "Arular Otau", club of the funny and inventive club "Zhaidarman", student press service.

To monitor the use of modern pedagogical technologies and the quality of teaching at the departments, open classes are held annually.

Feedback with students is achieved through questionnaires and through social networks and messengers: WhatsApp, Instagram, VKontakte, Facebook, Youtube.

The University developed questionnaires "Satisfaction with the quality of teaching" and "Satisfaction of students with the implementation of educational programs" twice a year. The results of questionnaires are processed by the Deputy Dean of the educational part and specialists of the educational department of A. Baitursynov KSU.

The procedures for assessing the level of knowledge of students at the University correspond to the planned learning outcomes and goals of the EP. Assessment of knowledge, skills and professional competencies of students on credit technology training is carried out on a 100-point scale with the conversion of the final result in alphabetic and digital equivalent. The final grade for the discipline includes the rating of admission and final control. All information on the assessment of students, including the current, intermediate, total control, available in the dashboard http://ksu.edu.kz/lichnyj_kabinet/.

The University encourages students who take an active part in all areas of the University and showing a high level of training in certain subject areas, special achievements in research, creative, intellectual activity and good behavior. Promotion is a means of recognition of the student by the student and teaching staff, as well as the University administration. The promotion is aimed at increasing students' interests in educational and scientific activities and future profession.

The main forms of incentives are:

- taking into account the results obtained in the course of scientific work (prizes in the annual competition of scientific projects, diplomas for participation in the annual International scientific and practical conference "Baitursynov Readings", etc.);

- the nomination of the most gifted students for state scientific and nominal scholarships, scholarships established by various organizations and foundations, etc.

- presentation of the best student works at competitions, exhibitions and other organizational and mass events, providing for the awarding of winners;

- recommendations for training or internship in leading educational and research centers;

- the nomination of candidates for the annual competition among freshmen "Zhana Urpak".

The management of the EP ensures the availability and effectiveness of the peer review mechanism (appeal), transparency of evaluation criteria and tools, which is reflected in the provisions of the organization. Organization and monitoring of students' achievements are registered in the documents: The provision "The organization and carrying out of current control

of the progress and intermediate certification of students", a Methodological manual "Organization and conducting the final evaluation of students".

The University has established a procedure for responding to complaints of students. There is a service center for students on the principle of "one window", carrying out the reception and consideration of complaints of students, where all students of the University can apply. There is feedback, which is implemented in the form of a functioning blog of the rector (http://ksu.edu.kz/rector_blog/).

Mechanisms of conflict detection are statements of students, personal appeal to the manager or call-center, then they make an online complaint or anonymous report. The University uses a special box installed at the entrance of the main and educational buildings to receive information and consider complaints and suggestions of students. Complaints and suggestions are considered at the Disciplinary Council with the introduction of decisions in the minutes of the meeting.

Analytical part

However, the Commission notes the involvement of students and employers in the audit procedures of educational programs.

The Commission notes that the University is committed to developing objective tools to assess students' knowledge, using the latest ECTS recommendations and a clear anti-corruption policy.

Students enrolled in the accredited EP participate in the procedures of independent evaluation of learning outcomes.

The Commission of the EEC during the interview with students were convinced that in the accredited EPs practitioners are involved in the educational process.

On the basis of specialized research centers, students of the accredited EP acquire practical skills and abilities and also implement the results of scientific research in the process of dissertations, DRW, MRW, etc.

The Commission of the EEC during the interview with the teaching staff define that the teaching staff of the EP produce a variety of training and educational benefits for its readable disciplines, but not private members of academic staff on teaching.

Strengths/best practices

- *The EP management ensures respect and attention to different groups of learners and their needs, provide them with flexible learning paths.*

The EO should ensure that the procedures for assessing the learning outcomes of students of the EP are consistent with the planned outcomes and objectives of the program. The criteria and methods of evaluation for the EP are published in advance.

- *The University has defined the mechanisms to ensure the achievement of learning outcomes by each graduate of the EP and ensure the completeness of their formation.*

Evaluators should be familiar with modern methods of assessing learning outcomes and regularly improve their skills in this area.

The recommendations of the EEC for 6M060100/7M05401 – Mathematics, 6D060200/8D06101 – Informatics, 6D060700/8D05101 – Biology, 6D080100/8D08101 - Agronomy:

- *To intensify the involvement of foreign and domestic teachers for training and joint research.*

The findings of the EEC's criteria for 6M060100/7M05401 – Mathematics, 6D060200/8D06101 – Informatics, 6D060700/8D05101 – Biology, 6D080100/8D08101 - Agronomy:

EEC notes that in this standard "Educational program" 5 criteria have a strong position, 10 - satisfactory position, 2 - require improvement.

6.6 STANDARD "STUDENTS"

- The EO should demonstrate that there is a policy for the formation of a contingent of students in the context of the EP from admission to graduation and ensure transparency of its procedures. The procedures governing the life cycle of students (from admission to completion) should be defined, approved and published.
- The management of the EP should determine the order of formation of the contingent of students on the basis of:
 - minimum requirements for applicants;
 - maximum group size for seminars, practical, laboratory and studio sessions;
 - forecasting the number of state grants;
 - analysis of available material and technical, information resources, human resources;
 - analysis of potential social conditions for students, including the provision of places in the hostel.
- The EP management must demonstrate a willingness to undertake special programs of adaptation and support for newly arrived and international students.
- The EO must demonstrate its compliance with the Lisbon Recognition Convention.
- The EO should cooperate with other education organizations and national centres of the "European network of national information centres for academic recognition and mobility/National academic Information Centres for Recognition" ENIC/NARIC to ensure comparable recognition of qualifications.
- Management of the EP should demonstrate that there is a mechanism to recognize the results of academic mobility of students, as well as the results of additional, formal and non-formal education.
- The EO should provide an opportunity for external and internal mobility of students of the EP, as well as readiness to assist them in obtaining external grants for training.
- The management of the EP should demonstrate readiness to provide students with places of practice, promote employment of graduates, maintain communication with them.
- The EO needs to be able to provide graduates with the EP documents confirming obtained qualifications, including achieved learning outcomes and the context, content and status of education and evidence of its completion.
- An important factor is the availability of mechanisms for monitoring the employment and professional activities of graduates of the EP.

The evidence part

The EO should demonstrate that there is a policy for the formation of a contingent of students in the context of the EP from admission to graduation and ensure transparency of its procedures.

The contingent of students is formed on the basis of Standard rules for admission to educational institutions, implementing educational programs of higher and postgraduate education (Order of the Minister of education and science of the Republic of Kazakhstan dated October 31, 2018 №600) and the University standard from 076.073-2016 Management of the selection process of applicants.

In the framework of vocational guidance and clarification of new Model rules of admission to master's and doctoral PhD of the faculty of conducted a series of outreach events and conversations, in which rules of admission to master's and doctoral programs the timing of delivery of documents, the format of the entrance examinations in the form of complex testing, etc. were explained

Recognition of prior learning outcomes and qualifications for admission to the University in programs of higher and postgraduate education is based on the Standard of A. Baitursynov KSU – Managing the selection process of applicants with 076.073-2016.

The dynamics of the contingent of students in the areas of the EP is growing steadily.

So, in 2016, for the educational program 6D060200/8D06101 – Informatics enrollment was not carried out as there was not allocated a place under the state order, in subsequent years, the EP is implemented in two stages only on the state order – the grant of MES RK. Contingent - 2 doctoral students.

Educational program 6D080100/8D05101-Agronomy realized in three steps only by the state order – the grant of MES of RK, taking 7 PhD students.

Educational program 6M060100/7M05401 - Mathematics implemented from September 2018 and has received 12 undergraduates on scientific and pedagogical direction, and 2

undergraduates in the profile direction. After 1 semester of the 2018-2019 academic year, 1 student was transferred from L. Gumilev ENU in scientific and pedagogical direction (table 2).

Table 2. The contingent of students of the accredited EP

№	The accredited EP		2016-2017	2017-2018	2018-2019
1	6M060100/7M05401 Mathematics (initial accreditation)	Total	-	-	15
		Grant/contract	-	-	13/2
		Kaz/Rus	-	-	-/15
2	6D060200/8D06101 - Computer science (initial accreditation)	Total	-	1	2
		Grant/contract	-	1/-	2/-
		Kaz/Rus	-	-/1	-/2
3	6D060700/8D05101 - Biology (initial accreditation)	Total	-	-	1
		Grant/contract	-	-	1/-
		Kaz/Rus	-	-	-/1
4	6D080100/8D08101 Agronomy (initial accreditation)	Total	1	3	7
		Grant/contract	1/-	2/1	7/-
		Kaz/Rus	-/1	-/3	-/7

A presentation week, implemented by the efforts of academic advisors, is organized for the enrolled students.

Students are provided with a guide in the state and Russian languages. The guide contains a systematic summary of the internal regulations of the University, organizational and procedural rules of the educational process, the rights and obligations of students.

The University closely cooperates with the Center of Bologna process and academic mobility of RK MES . The University implements projects on Erasmus+ programs, develops academic mobility. The University has adopted normative documents regulating the processes related to educational activities: provisions "Academic mobility of students. Credit transfer type ECTS", the Rules of directions for studying abroad, including in the framework of academic mobility, P 061.1.080-2016 Provision. Adviser's work,

The analysis of the results of academic mobility is carried out by the Department of registration, discussed at the meetings of the relevant departments, meetings of the academic council and the rector's office. The Department of international relations conducts a survey to determine the degree of satisfaction of participants of academic mobility.

In order to develop academic mobility, students of the University have the opportunity to study at partner universities from 130 partnership agreements, including with foreign universities. The most stable partners for external academic mobility over the past five years are Lodz University, Poland; University of Ostrava, Czech Republic, Lithuanian University of Health Sciences, A. Stulginskis University. International academic mobility is also carried out under the Erasmus+programme: University of Hohenheim, Germany; Masaryk University, Czech Republic; University of Lodz, Poland; University of Granada, Spain; University of Agricultural Sciences and Veterinary Medicine in Cluj-Napoca, Romania; Ondokuz Mayys University, Turkey; Alexandras Stulginskis University, Lithuania.

Partner universities for internal academic mobility: Zhangir Khan West Kazakhstan agrarian-technical University, S. Seifullin Kazakh agrotechnical University, Shakarim Semey State University, U. Sultangazin Kostanay State Pedagogical University, S. Toraigyrov Pavlodar State University, Al-Farabi Kazakh National University, Kazakh National Agrarian University, Altynsarin Arkalyk State Pedagogical University and others.

Scientific training is carried out in partner universities, research organizations and/or organizations of relevant industries or fields of activity within the framework of the Agreement (Memorandum) on cooperation.

In 2018-2019 academic year for the EP 6D060200/8D06101- Informatics a 2-year doctoral student S. S. Brimzhanova was a research fellow at L. N. Gumilev Eurasian National University, the faculty of information technology, computer engineering Department with 14.11.2018 on 07.12.2018 G. (Order № 151Д from 13.11.2018).

In the 2017-2018 academic year 3 students of the EP 6D080100/8D05101- Agronomy had a research internship at South-Ural Research Institute of horticulture and potato research, Russia, Chelyabinsk, village Shershni, V. S. Pustovoit All-Russian research Institute of oil crops, Krasnodar, University Ondokuz Mays, the city of Samsun, Turkey.

Masters of the EP 6M060100/7M05401 -Mathematics in the period from 11 March to 20 March 2019 passed scientific training at U. Sultangazin Kostanai state pedagogical University, from April 7 to April 17, 2019, in G. I.Nosov Magnitogorsk state technical University, Magnitogorsk, Russia.

A 1-year postgraduate graduate student of the EP 6M060100/7M05401 – Mathematics A. Serikbaev in order to implement academic mobility in the period from 18.02.2019 to 30.06.2019 was sent to study at the city University of Lodz, Poland.

Research practice of undergraduates and doctoral students is carried out in scientific, research institutions and organizations of the relevant profile.

Doctoral research practice of the EP 6D060700/8D05101 - Biology is planned on the basis of SIC of A. Baitursynov KSU. In 2019-2020, the doctoral student S. S. Brimzhanova planned research practice in L. Gumilev ENU in connection with the appropriate equipment in the scientific laboratory of the University for practical research of the doctoral thesis.

Doctoral teaching practice of the EP 6D060700/8D05101 -Biology was conducted in the Department of biology and chemistry: at the EP Computer science, teaching practice took place at the Department of Informatics from September to December 2018.

Industrial practice is conducted for students of specialized magistracy and takes place at enterprises, institutions and organizations of the relevant profile on the basis of contracts.

Comprehensive and harmonious development of students, their self-improvement and creative self-realization contribute to social activities. Doctoral student of specialty 6D060700/8D05101 - Biology R. Basov is part of the trade union organization of education and science of Kostanay region and NGO public Association "Ate yerteni". In December 2018, he was awarded a diploma of the Ministry of education and science of Kazakhstan for his contribution to the education and development of the younger generation. Doctoral student of the EP 6D080100/8D05101-Agronomy Zh.B. Zharlygasov is involved in the sports section and wins prizes. Great attention is paid to the organization of sports and recreation activities.

Doctoral student of specialty 6D060700/8D05101 -Biology R. Basov plays for the University football team.

Within the framework of these areas, faculty of departments motivate students to participate in educational, scientific and cultural centers of the University.

Graduates of A. Baitursynov KSU can receive the European Diploma Supplement, which is issued in accordance with the recommendations and standards of the European Commission, the Council of Europe and UNESCO-SEPES and is filled in English on individual request. The application consists of 8 mandatory items in English/Kazakh/ Russian.

At the University, students take an active part in large-scale events dedicated to the celebration of anniversaries of the history of the state: Victory day, Day of state symbols, Constitution Day, Independence Day.

As part of the activities of the clubs, students are engaged in research, participate in student conferences. Students have the opportunity to communicate outside the classroom in the auditorium, library, sports complex, dining room.

Examination sessions are traditionally held within the deadlines set by the Academic calendar of the University. Preparation of the sessions was carried out in accordance with the set of activities for the organization and conduct of the session by the structural units responsible for the organization of the educational process.

Analytical part

The Commission notes that the University has developed an Academic policy containing the main issues of educational, organizational activities of students.

The University is working on academic mobility of students mainly carried out within the country although there are isolated examples of external academic mobility in foreign countries. In order to integrate the education system, the international educational space needs to strengthen the work and make a long-term plan of incoming and outgoing academic mobility of students both inside and outside the country.

In the survey on the availability of academic counselling - fully satisfied (76.3 per cent); availability of health services (73.8 per cent); availability of library resources (92,5%); existing training resources (75%); total quality curriculum (82.5 per cent); the relationship between student and teacher (87,5%).

Strengths/best practices

The EO should demonstrate that there is a policy for the formation of a contingent of students in the context of the EP from admission to graduation and ensure transparency of its procedures. The procedures governing the life cycle of students (from admission to graduation) should be defined, approved and published.

- The management of the EP determines the order of formation of the contingent of students based on minimum requirements for enrollment, maximum group size in conducting seminars, practical laboratory classes.

The management of the EP should demonstrate readiness to provide students with places of practice, promote employment of graduates, maintain communication with them.

The recommendations of the EEC for 6M060100/7M05401 – Mathematics, 6D060200/8D06101 – Informatics, 6D060700/8D05101 – Biology, 6D080100/8D08101 - Agronomy:

- To develop a comprehensive program of academic mobility and enhance internal and external academic mobility of undergraduates and doctoral students, taking into account the analysis of financial opportunities of students and support.

The findings of the EEC's criteria for 6M060100/7M05401 – Mathematics, 6D060200/8D06101 – Informatics, 6D060700/8D05101 – Biology, 6D080100/8D08101 - Agronomy:

EEC notes that in this standard "Educational program" 5 criteria have a strong position, 10 - satisfactory position, 2 - require improvement.

6.7 THE STANDARD "FACULTY"

➤ The EO should have an objective and transparent personnel policy, including in the context of the EO, including recruitment, professional growth and development of personnel, ensuring the professional competence of the entire staff.

➤ The EO must demonstrate compliance of the personnel potential of the teaching staff with the EO development strategy and the specifics of the EP.

➤ The management of the EP should demonstrate a sense of responsibility for its employees and ensure a favorable working environment for them.

➤ The leadership of the EP should demonstrate the change in the role of the teacher in connection with the transition to student-centered learning.

➤ The EO should determine the contribution of the teaching staff to the implementation of the EO development strategy and other strategic documents.

➤ The EO should provide opportunities for career growth and professional development of the teaching staff of the EP.

➤ The leadership of the EP should demonstrate a willingness to engage practitioners from relevant industries in teaching.

➤ The EO should demonstrate motivation of professional and personal development of teachers of the EP, including encouragement for the integration of scientific activity and education, application of innovative methods of teaching.

➤ An important factor is the readiness to develop academic mobility within the EP, to attract the best foreign and domestic teachers.

The evidence part

Personnel policy at the University is one of the strategic priorities of the University, aimed at ensuring the qualification requirements for the implementation of educational programs, maintaining the professional potential of the faculty, creating conditions for improving professional motivation and psychological climate in the team. It is reflected in a number of documents, such as "Strategic plan of A. Baitursynov Kostanay State University for 2016-2020 years"; "P 132.078-2016. Provision. Certification of the teaching staff"; "P 132.077-2016. Provision. Certification of administrative, educational support and staff"; "P 032-2018. Provision. Competitive replacement of posts of the faculty amended from 22.06.2018", and others. All Provisions are freely available for review by the teaching staff in the electronic version at the following link: http://ksu.edu.kz/portal/zakony_pravila_polozheniya_instrukcii.

The staff potential of the faculty corresponds to the development strategy of the University, qualification requirements and profile of the EP.

The head of the structural unit at the end of the year formulates the requirements for the applicant and the conditions of his employment at the Department, fills out an application and a memo and sends it to the Department of personnel of the University.

Potential candidates can see information about the vacancies of the University and the competition in periodicals distributed throughout the territory of the Republic of Kazakhstan, Internet resources for at least thirty calendar days before the date of completion of the documents. Further, the recruitment manager begins recruitment and preparation of documents for the competition.

The level of competence of the staff of the Department is determined by the University through the assessment of the teaching staff (P 132.078-2016. Provision. Certification of the teaching staff) and competition of the teaching staff (P 032-2018. Provision. Competitive replacement of posts of the faculty amended from 22.06.2018). In addition, there are developed and implemented job descriptions of the Department, the teaching staff model instructions and JD, AMP, TSS and EP departments (http://ksu.edu.kz/portal/polozheniya_podrazdelenij_dolzhnostnye_instrukcii/).

Information about the human potential, providing the EP cluster is available on the website of the University.

Table 3 shows the staffing information in the EP 6M060100/7M05401 - Mathematics, 6D060200/8D06101-Informatics, 6D060700/8D05101-Biology, 6D080100/8D08101-Agronomy:

Table 3. Personnel potential

Code-name of educational programs	2016-2017			2017-2018			2018-2019		
	Total teaching staff	Full-time faculty (%)	Staff faculty with academic degrees and titles (%)	Total teaching staff	Full-time faculty (%)	Staff faculty with academic degrees and titles (%)	Total teaching staff	Full-time faculty (%)	Staff faculty with academic degrees and titles (%)
6M060100/7M05401 Mathematics (initial accreditation)	-	-	-	-	-	-	11	11 (100%)	8 (72,7%)
6D060200/8D06101 Computer science (initial accreditation)	-	-	-	2	2 (100%)	2 (100%)	5	4 (80%)	4 (100%)
6D060700/8D05101	-	-	-	-	-	-	4	4 (100%)	4(100%)

Biology (initial accreditation)									
6D080100/8D08101 Agronomy (initial accreditation)	3	3 (100%)	3 (100%)	3	3 (100%)	3 (100%)	5	5 (100%)	5 (100%)

The educational process at the EP 6D060700/8D05101-Biology, 6D080100/8D08101-Agronomy is provided by highly qualified scientific and pedagogical staff with adequate capacity, full knowledge and understanding of subjects, the necessary skills and experience for effective transfer of knowledge to doctoral students in the educational process. The quantitative and qualitative composition of the teaching staff corresponds to the established standards. As of January 2019, the percentage in the EP 6D060700/8D05101-Biology is 100 %, C.b.s. Sultangazin G. Zh., Kaplanova S. A., Ph. D. Dryuk O. V., Ph. D. Zhikayev A.

The Department of Agriculture employs 23 teachers, including 1 doctor of agricultural Sciences (K. Aubakirov A.- Professor), PhD (Ansabayev A. S.) doctors of Sciences, 12 candidates of Sciences. The degree of the Department is 61 %. In the specialty 6D080100/8D08101-Agronomy 1 doctor of agricultural Sciences, PhD, candidates of sciences conduct lectures and practical classes. Degrees at the EP 6D080100/8D08101-Agronomy - 100 %.

In the Department of Agronomy h-Index of Nugmanov A. B. - 1, in the Department of biology and chemistry of Basieva I. - 1.

Staffing according to the staffing table is 100%. Basic education of all teachers corresponds to the profile of the specialty.

The management of the EP cluster demonstrates awareness of responsibility for its employees and ensuring favorable working conditions for them, contributing to the professional growth and creativity of employees, as well as increasing productivity. The main acts regulating labor relations are the Labour code, a Collective agreement between administration and labor collective for the regulation of social-economic and labor relations, P 051.037-2016 "Regulations on the procedure of formation and allocation of material resources."

Monitoring the teaching staff activities, as well as a comprehensive assessment of the quality of teaching and competency assessment of the teaching staff is based on annual University certification of teaching staff; the system of peer-reviewed sessions; survey students; a survey of employers. To motivate the teaching staff, a system of rating evaluation of the results of the teaching staff activities has been developed, which makes it possible to obtain an additional allowance to wages, housing is provided.

Support is provided for medical treatment, the provision of preferential permits and other types of financial assistance. The University management pays great attention to the motivation of employees, over the past 3 years incentive payments of various nature to University staff (table 4).

Table 4. Stimulating factors for the last 3 years.

Name	2016 (thousand tenge)	2017 (thousand tenge)	2018 (thousand tenge)
Bonus (including annual)	44 102,00	115,115.00	110,075.00
Material assistance	1 936,00	1 898,00	2 688,00
Academic degree (doctoral, candidate.)	61 132,00	61 698,00	69 217,00
Copayment (personal, stimulating)	59 958,00	69 716,00	71 144,00
Copayment (rating for advisement)	23 075,00	29 540,00	38 740,00
Additional load (teacher, professor, ass. professor)	49 973,00	74 322,00	91 808,00
Copayment other (from BDO, from salary)	3 555,00	3 828,00	6 065,00
Total	243,731.00	356,117.00	389,737.00

Head of the Department of biology and chemistry Sultangazin G. Zh., corresponding member of the Kazakhstan National Academy of Natural Sciences, honored worker of A. Baitursynov Kostanay State University, is the author of two monographs, several textbooks. Sultangazin G. Zh. is conducting joint research with the Director of the Kuzbass Botanical garden, d.b.s. Kupriyanov A. N., C.b.s. Khrustaleva I. A., academician of NAS RK doctor of science Adekenov S. M. in the field of plant biodiversity. Professor, Department of biology and chemistry Basova I. S. is the laureate of "Shabyt" in the nomination "Science" Club patrons Kostanai region, the winner of the regional competition among higher education institutions "5 new faces in the field of higher education Kostanay region - 2018" in the nomination "Science". Basova I. S. is one of the leading scientists of Kazakhstan in the field of molecular biology and genetics. As part of the research work, 19 utility model patents were obtained. Doctor (PhD) Yergaliyev T. M. currently performs research at the University. Bian Gurion (Israel) in the field of molecular biology.

Performance of research works on the accredited EP for the last 3 years is presented in table 5.

Таблица 5. Performing research of the accredited EP for 2016-2018 academic year

№	Program	Supervisors and performers	Topic title	Amount, (thousand tenge)
2016-2017 academic year.				
1	6D080100/8D08101 -Agronomy 6D060700/8D05101 Biology	Beishova I. S. – supervisor, Ulyanov V. A. Chuzhebayeva G. Zh. Zhunusova Zh. B. Nugmanov A. B. Oleynik A. T. Zavriev S. K. Stakheev A. A. Poddudinskaya T. V. Kylyshbay T. M. Pugacheva A.	Development of highly specific and sensitive rapid tests based on DNA markers for the diagnosis of economically significant fungi-pathogens of grain crops	6 126 675,0
2	6D080100/8D08101 -Agronomy 6D060700/8D05101 Biology	Kalimov N. E. – supervisor, Beishova I. S., Oleynik A. T. Ulyanov V. A. Kovalchuk A. M. Sultangazina G. Zh. Zavriev S. K. Stakheev A. A. Zhunusova Zh. B. Akdavletova M. E. Abdrakhmanova G. A.	Development of highly specific and sensitive rapid tests based on DNA markers for the diagnosis of economically significant fungi-pathogens of grain crops	6 173 475,0
3	6D080100/8D08101 -Agronomy 6D060700/8D05101 Biology	Nugmanov A. B. – head, Beishova I. S. Kokanov S. K. Lozovitska B. Tulayev, Yu. Tulkubayeva S. A. Mukhamedzhanova N. D.	Systems of pollution reduction mycotoxins and pesticides as part of an integrated protection method grain crops in the agricultural zone of Northern Kazakhstan	5 536 995,0
4	6D060700/8D05101 Biology	Yunusova G. B. – supervisor of Beishova I. S. Kokanov S. K. Nurpeisova A.	Study of consortium of hydrocarbon oxidizing microorganisms of Northern region of Kazakhstan with determination of genetic characteristics and creation of bio-destroyer preparation on their basis	3 660 000,0

2018				
1	6D060700/8D05101 Biology	Sultangazina G. Zh. C.b.s.	Molecular genetic analysis of gene pools of populations of rare plant species of Northern Kazakhstan	
According to international research grants 2016-2018				
1	6D080100/8D08101 -Agronomy	Kalimov N. E. c.a-c.s. (Kazakhstan), Nugmanov A. B., c.a-c.s. (Kazakhstan), Izzet Akcha (Turkey) B. M. Yeleuov Aliyev O. T., Tolepbergen A., Bukarbayev A., Zharlygasov Zh.	The influence of a new generation of fertilizers developed on the basis of nanotechnology on the yield and quality of spring wheat (<i>Triticum aestivum</i>) in Kazakhstan.	
2	6D080100/8D08101 -Agronomy	Kalimov N. E. c.a-c.s. (Kazakhstan), Nugmanov A. B., c.a-c.s., Izzet Akcha (Turkey)	Soil agrochemical parameters of southern black soils and ways of increasing the productivity of spring wheat in conditions of LLP "Kostanay agricultural research Institute»	
The international educational project 2016-2018				
1	6D080100/8D08101 -Agronomy 6D060700/8D05101 Biology	Kalimov N. E. c.a-c.s.	Sustainable agriculture and rural development - SARUD	
2	6D080100/8D08101 -Agronomy 6D060700/8D05101 Biology	Kalimov N. E. c.a-c.s.	Improving the competence of Central Asian universities in the field of common European policy on environmental protection and land management - ECAP	

Research projects have an integrated connection with the educational process, as they involve students (students, undergraduates and doctoral students). The materials obtained as a result of professional practice, are the basis for writing theses, master's and doctoral theses.

The winners of "Best University teacher" is the head of the Department of biology and chemistry Sultangazin G. Zh. (2016), Professor Beishova I. S. (2018).

The issue of educational and methodical literature in recent years is presented: 2 monographs, 5 educational manuals on training courses of the EP 6D060700/8D05101 -Biology, 2 training manuals on OP 6M060100/7M05401 Mathematics.

To solve professional problems in the preparation of modern, competitive specialists and identify priority areas in research and scientific activities, work is carried out at the invitation of leading teachers from other universities and foreign teachers. At the faculty of information technology for the EP 6M060100/7M05401-Math, EP 6D060200/8D06101 -Informatics a course of lectures of the academic JerónimoRodríguez/ Jeronimidis Professor at the University of Santiago de Compostela, Spain.

For the EP 6D060700/8D05101 – Biology, 6D080100/8D08101 – Agronomy invited foreign professors - Igor Sinyavsky V. (South Ural State Agrarian University), Korobov Viktor Aleksandrovich (Belgorod State National Research University), Korobova L. N. (Novosibirsk State Agrarian University), Gaifullin Radik Razilevich (Bashkir State Agrarian University).

At the Department of Informatics in the direction of the EP 6D060200/8D06101 - Informatics work: teachers Maulenov K. S. (Deputy Director for IT SE "boarding School for gifted children "Ozat") the discipline of Digital image processing; Doroshok I. N. (Director of LLP "First Bit") the discipline of data Storage.

As a result of joint work with research organizations, businesses and business structure are working on the implementation of scientific research and development, in addition, the consolidation of practical skills of students.

Analytical part

During the visit, the experts of EEC IAAR noted that the University has a transparent personnel policy, while the selection of the staff potential of the faculty corresponds to the development strategy of the University and the specifics of the EP.

The University has created conditions for the professional growth of teaching staff, provides favorable working conditions.

The Commission notes the high scientific potential of the departments of agrarian and biological faculty, responsible for the implementation of the EP - the degree of the staff of the faculty, the availability of funded budget and contractual research.

However, the Department of Informatics of the faculty of information technology has a shortage of specialists with degrees and titles in the profile of training, to guide and implement the doctoral program involved professors from another University.

Strengths/best practices

The EO should have an objective and transparent personnel policy, including in the context of the EO, including recruitment, professional growth and development of personnel, ensuring the professional competence of the entire staff.

The EO must demonstrate compliance of the personnel potential of the teaching staff with the EO development strategy and the specifics of the EP.

The management of the EP should demonstrate a sense of responsibility for its employees and ensure a favorable working environment for them.

The EO should demonstrate motivation of professional and personal development of teachers of the EP, including encouragement for the integration of scientific activity and education, application of innovative methods of teaching.

The recommendations of the EEC for 6M060100/7M05401 – Mathematics, 6D060200/8D06101 – Informatics, 6D060700/8D05101 – Biology, 6D080100/8D08101 - Agronomy:

- To develop a program to attract both domestic and foreign scientists and specialists for the development of the EP 6D060200/8D06101-Informatics. Since the current situation does not allow to fully implement the doctoral program.

- To work to improve the multilingual competence of the teaching staff in order to implement trilingual education.

- To develop a program to strengthen the publication activity of the teaching staff in rating scientific journals.

- To increase participation in grant and contractual research for the EP 6M060100/7M05401 - Mathematics, 6D060200/8D06101 – Informatics.

The findings of the EEC's criteria for 6M060100/7M05401 – Mathematics, 6D060200/8D06101 – Informatics, 6D060700/8D05101 – Biology, 6D080100/8D08101 - Agronomy:

EEC notes that in this standard "Faculty" 4 criteria have a strong position, 4 - satisfactory position, 1 – requires improvement.

6.8 Standard "Educational resources and student support systems"

➤ The EO should guarantee a sufficient number of training resources and student support services that meet the objectives of the EP.

- The educational organization should demonstrate the adequacy of material and technical resources and infrastructure, taking into account the needs of different groups of students in the context of educational programs (adults, workers, foreign students, as well as students with disabilities).
- The EP management must demonstrate the existence of procedures for support of different groups of students, including informing and consulting. The management of the educational program should demonstrate the compliance of information resources with the specifics of the educational program, including compliance with:
 - technological support of students and teaching staff in accordance with educational programs (for example, online training, modelling, databases, data analysis programs);
 - library resources, including the Fund of educational, methodical and scientific literature on General education, basic and major disciplines on paper and electronic media, periodicals, access to scientific databases;
 - examination of research results, final papers and dissertations for plagiarism;
 - access to educational Internet resources;
 - the functioning of WI-FI in the territory of the organization of education.
- The educational organization should strive to ensure that the training equipment and software used for the development of the educational program, were similar to those used in the relevant industries.

The evidence part

During the work of EEC experts made sure that the University has the material, technical, information and library resources sufficient to organize the process of training and education of students and the implementation of the mission, goals and objectives of A. Baitursynov KSU.

An important factor in ensuring the quality of education and guarantee the sustainable development of the University is the constant improvement of material, technical and human resources. The University has all the conditions for training students, research, the publication of the results of research faculty, staff and students.

There is a system of support for students, a medical center, recreation areas, dining areas, gym, library, hostel.

All classrooms used in the educational process of the EP cluster are connected to the Internet and the local network of the University. Classrooms are decorated with stands, educational materials, interactive whiteboards, projectors. Students of the EP cluster use computer rooms of the University, united into a local network, and have a connection to broadband Internet access - 200MB/s.

All buildings in which classes are held comply with sanitary standards, fire safety requirements and the requirements of state mandatory standards of implemented specialties.

Students have access to internal and external electronic information resources as works of their own generation: the electronic library "Proceedings of the faculty of A. Baitursynov KSU". RMEL (Republican interuniversity electronic library), Kaznel (Kazakhstan national electronic library), the system "EAPATIS" (Eurasian patent information system), Test access to ABS "DOE", "IPRBOOKS", global information resources "Springer Link", "Web of Science", "Scopus", "Science Direkt".

Also, the University operates wireless Internet Wi-Fi. All electrical appliances and office equipment comply with safety requirements.

All computer classes are equipped with a new generation of computers, combined into a local network and connected to the Internet, the services of which all employees and students use free of charge and without time limit.

The University has developed a website that is focused on informing the user about the capabilities of the University, its material and technical equipment, services offered, events, conferences and other information related to the functioning of the University. The site is available in three language versions: in the state, Russian and English languages. Content is kept up to date.

There is a printing house for the publication of teaching aids, books, visual aids of the faculty of the University.

The University has a software package "Antiplagiat" developed on the platform of full-text search system Sphinx, distributed under the GNU GPL license.

Workplaces of staff and staff are provided with furniture, office equipment. In line with the strategy of University development and modernization of IT infrastructure of the University, upgrading of all the necessary resources departments is carried out.

In general, the material, information and library resources used for the organization of the process of training and education are sufficient to fulfill the stated mission, goals and objectives and meet the requirements of accredited educational programs.

Training for the EP 6M060100/7M05401 Mathematics and 6D060200/8D06101 – Informatics are held in classrooms where there are multimedia projects with interactive whiteboards Activboard for lectures and practical classes. In computer classes there is licensed software for the EP 6D060200/8D06101-Informatics: software products used in teaching basic and major disciplines: MATLAB, Python, Simulink, C++, R, GO, MySQL, Microsoft Azure, Oracle.

Equipment of laboratories: Super Computer Intel® Xeon® E5-2600\128 Gb\Teslak20\Teslak20\ QuadroK5000, 2014 issue, PC Intel i5\3.40\8192\Tb 2\22' Philips, Intel i5 Computer\3.40\8192\Tb 2\22' Philips, Network switch Acorp, Wi-Fi router LB-KINK

DRW for the EP 6D060700/8D05101-Biology is the scientific innovation center (SIC). In the SIC, the bacteriological, molecular biological, immunological research, algology and hydrobiology laboratories function, that are organized according to the requirements of sanitary requirements and equipped with new modern equipment (Detecting thermocycler DT-322, NPF DNA-Technology ("real-time" PCR), RNA/Decalcomania, the apparatus for vertical electrophoresis of nucleic acids HU 25, Scie-Plas, laminar-type "PCR-Boxing" centrifuge "MiniSprit"). The laboratory is equipped with modern analytical equipment, the use of the latest methods of laboratory diagnostics (ELISA, PCR, etc.).

Training of doctoral students in specialty 6D080100/8D05101-Agronomy is carried out in specialized classrooms, for writing a doctoral thesis related to the digitization, use a Digital hub.

The premises are equipped with modern educational furniture, computer equipment, traditional and multimedia boards, stands, laboratory equipment, visual stands. All classrooms have a passport, permit of the sanitary and epidemiological station and fire Department on their functioning.

Analytical part

EEC confirms the existence of support systems for students, including support through the University website. During meetings with students and faculty it was found that unfortunately, most do not have financial opportunities for training, internships, training in leading universities of the world, so it is advisable to involve students and faculty to the best online courses.

As a result of visual inspection of objects of material base members of EEC, were convinced that for ensuring the educational process of the accredited educational programs the University possesses necessary educational and material assets. Buildings and structures of the University meet the current sanitary standards and fire safety requirements.

The results of the questionnaire accessibility of the library resources completely satisfied are 92.5%, "somewhat satisfied" and 7.5% of students; classrooms, classrooms for large groups and fully satisfied – 70%, "somewhat satisfied" - 13,8%, "partly satisfied" - 5%; rooms for small groups – 85%, "somewhat satisfied" - 25%, "partly satisfied" - 1,2%; rest rooms for students – 41.3%, the "somewhat satisfied" - 11,3%, "partly satisfied" - 5% "not satisfied" - 10%; computer classes and Internet resources – 75%, "somewhat satisfied" with 21.3%, "partly satisfied" - 1,2%, "not satisfied" - 2,5% of trainees; the available computer classes – 63,7% "partially satisfied" - 26,2%, "partially satisfied" and 7.5% "not satisfied" - 2,5%; scientific laboratories – 61,3% "partially satisfied" is 23.8%. Full satisfaction of students with the provision of a hostel is 70%, "partially satisfied" - 13.7%.

Strengths/best practices

- The management of the EP has demonstrated the existence of support procedures for different groups of students, including information and advice.
- The management of the EP demonstrated compliance of information resources with the specifics of the EP, including library resources, including the Fund of educational, methodological and scientific literature on basic and core disciplines in paper and electronic media, periodicals, access to scientific databases; access to educational Internet resources, the functioning of WI-FI in the territory of the organization of education.

The recommendations of the EEC for 6M060100/7M05401 – Mathematics, 6D060200/8D06101 – Informatics, 6D060700/8D05101 – Biology, 6D080100/8D08101 – Agronomy:

- To post video lectures of the teaching staff on the official website and for distance learning students.

The findings of the EEC's criteria for 6M060100/7M05401 – Mathematics, 6D060200/8D06101 – Informatics, 6D060700/8D05101 – Biology, 6D080100/8D08101 – Agronomy:

EEC notes that in the standard "Educational resources and student support system", 4 criteria have a strong position, 4 criteria in this standard have a satisfactory position

6.9 STANDARD "INFORMING THE PUBLIC»

- The EO should publish accurate, objective, up-to-date information about the educational program and its specifics, which should include:
 - expected learning outcomes of the implemented educational program;
 - qualification and (or) qualification to be awarded upon completion of the educational program;
 - teaching and learning approaches, as well as the system (procedures, methods and forms) of assessment;
 - information about passing scores and training opportunities provided to students;
 - information on employment opportunities for graduates.
- The EP management should provide for a variety of ways to disseminate information, including media, information networks to inform the General public and stakeholders.
- Public awareness should include support and clarification of the country's national development programs and higher and postgraduate education.
- The EO should demonstrate the reflection on the web resource of information characterizing it in General and in the context of educational programs.
- An important factor is the availability of adequate and objective information on the teaching staff of the EP.
- An important factor is to inform the public about cooperation and interaction with partners in the framework of the EP.

The evidence part

Effective feedback with students is carried out by:

- feedback service on the personal pages of students, faculty in the educational portal of the University, where he gets access to the academic calendar, curriculum of their specialty and the formation of an individual curriculum (information about disciplines and teachers), to information resources and databases of the University library of educational materials provided by teachers in the subjects studied. With the results of the current, intermediate and final control, the student can be found in his personal account. At the end of academic periods, the student receives full information about the performance of the disciplines studied (transcript).

- service of the official website of the University - rector's blog.

Feedback from the university management to the public is carried out with the help of a functioning blog of the rector.

The main channel of informing the public (future students, their parents, students, graduates and employers) is the official website of the University. On this page there is information about the University, faculty and departments that implement the EP of this cluster. Facebook instagram, YouTube, Vkontakte, and other social networks are also actively used.

The mass media for publication are republican and regional newspapers and television and

radio media. Information on the mission of A. Baitursynov KSU, its goals and objectives shall be communicated to the public through regional mass media "Kostanay tany" (<http://kostanaytany.kz/>), "Kostanay news" (kstnews.kz), "Nasha Gazeta" (<https://www.ng.kz/>), regional TV "Kazakhstan-Kostanay" (<http://kostanaytv.kz/kz>) and "Alau" (<http://alau.kz/>).

The University annually holds job fairs, which allows graduates and employers to establish contact for the selection of the necessary personnel.

The website of the University website <http://ksu.edu.kz> provides comprehensive information on the implemented modular educational programs specifying expected learning outcomes and qualification at the end of the EP is presented on the qualification at the end of the EP; information about the passing score and the educational opportunities provided to students. The University also posts information and provides links to external resources on the results of external evaluation procedures; external resources on the participation of the implemented EP in a variety of external evaluation procedures.

For students, there are the training programs, conditions of admission, terms of admission selection Committee, a list of required documents, contact admissions.

The College website provides current information about the specifics of educational programs – description of levels of the EP, the EP purpose, base practices, academic degrees, formed competencies, staff (staff handbook), the procedures of the QMS, the achievements of students, about the research activities of teaching staff of the Department of international cooperation, contacts.

A special section has been opened for the media, where press releases about upcoming events are posted. Potential and existing partners can find information about the teaching staff of the University, administration, programs and conditions of cooperation. For employees and potential employees, there is information on employment, trade unions, etc.

Assessment of the satisfaction with information about the activities of the University and the specifics and progress of educational programs is carried out annually through questionnaires, surveys, feedback, as well as through the rector's blog.

Preparation of information for placement on the Internet resources of the University, in addition to information posted by educational units and teachers on the educational portal, is carried out by interested structural units. Information is provided in three language versions: Kazakh, Russian and English. People responsible for the publication place approved by the rector of the University information on the Internet resources of the University. There is a procedure for filling information online portal University.

The University holds meetings of students with the rector, Vice-rectors, student assets, employers, teachers and staff of the University, where each participant can ask any question to each of the leaders and get reliable information.

The order of work with personal data is established by Regulations on the protection of personal data of employees of A. Baitursynov KSU (P. 010-2019), developed in accordance with the current legislation of the Republic of Kazakhstan in order to establish the procedure for the collection, processing, storage and use of personal data of University employees. The list of personal data and a sample statement of consent are given in the annexes of the report.

Analytical part

The analysis of the information provided to the media showed sufficient awareness about the ongoing modular EP specifying expected learning outcomes, and qualification upon completion of training.

Assessment of the satisfaction with information about the activities of the University and the specifics and progress of educational programs is carried out annually through questionnaires, surveys, feedback, as well as through the rector's blog.

On the website of the University in the section interaction with employers the ways of employment are described, but the specific requests of employers, resumes of graduates are absent.

A survey of students conducted during the visit of the EEC IAAR showed that satisfaction with the awareness of students about the courses, EP, and academic degrees are fully satisfied and 87.5%, partially satisfied – 11,3%, partially satisfied – 1,2% of students.

Strengths/best practices

- *The University publishes reliable, objective, up-to-date information about the educational program and its specifics, which includes the expected learning outcomes of the implemented educational program, qualifications and (or) qualifications to be assigned upon completion of the educational program, teaching approaches, training, as well as the system (procedures, methods and forms) of evaluation, information about passing scores and educational opportunities provided to students.*

The EO should demonstrate the reflection on the web resource of information characterizing it in general and in the context of educational programs.

The recommendations of the EEC for 6M060100/7M05401 – Mathematics, 6D060200/8D06101 – Informatics, 6D060700/8D05101 – Biology, 6D080100/8D08101 - Agronomy:

- *To promptly and fully reflect the information on the interaction with partners in the framework of the EP, to ensure the placement on the website of information on the staff of the teaching staff, as well as its timely update.*

- *To develop a marketing strategy of the University, activating advertising and informing the public of the region about the activities of the University and the implemented EP profiles.*

The findings of the EEC's criteria for 6M060100/7M05401 – Mathematics, 6D060200/8D06101 – Informatics, 6D060700/8D05101 – Biology, 6D080100/8D08101 - Agronomy:

EEC notes that in the standard "Public Awareness", 5 criteria in this standard have a strong position, 5 - satisfactory position.

6.10. STANDARD "STANDARDS IN THE CONTEXT OF INDIVIDUAL SPECIALTIES»

➤ The EP should include disciplines and activities aimed at gaining practical experience and skills in the specialty in General and in the core disciplines in particular, including:

- excursions to enterprises for specialization (factories, workshops, research institutes, laboratories, training and experimental farms, etc.),

- conducting individual classes or entire disciplines in the enterprise specialization;

- holding seminars to solve practical problems relevant to enterprises in the field of specialization, etc.;

➤ The teaching staff involved in the education program should include full-time teachers, practitioners with long-term experience as a full-time employee in enterprises in the field of specialization of the education program.

➤ The content of all disciplines of the EP should be based and include a clear relationship with the content of the fundamental natural sciences.

➤ The management of the EP should include measures to strengthen practical training in the field of specialization.

➤ The management of the OP should provide training for students in the use of modern information technology.

The evidence part

The educational process for accredited master's and doctoral programs is carried out through the annual update of teaching materials, updating the subject of master's and doctoral theses, as well as the introduction of new elective disciplines, taking into account the recommendations of employers. Students have access to all library resources, which are updated and replenished annually.

ALL levels of the EP reflect the specifics of the EP and the formation of professional competencies.

All types of professional practice are conducted at a high level. In the process of production and research practice, students gain experience of professional and organizational

work and it is carried out at the enterprises - bases of practices with which the University has contracts.

In the implementation of the accredited EP work practices from the real sector of production, including part-time.

The staff of the Department of biology and chemistry consists of candidate of agricultural Sciences, Professor Beishova I. S., PhD in the specialty 6D060700/8D05101 -Biology Yergaliyev T. M, having practical experience in research and production laboratories and participating in the planning and implementation of training in the framework of the EP.

In the implementation of the EP 6D060700/8D05101 -Biology prepares the student with the use of modern information technology. For example, the discipline "Selected chapters in plant biochemistry and physiology" is based on distance learning technologies (MOODLE).

A doctoral student receives practical experience and skills in the specialty 6D060700/8D05101 -Biology on the basis of the SIC when performing DRW and learning "DNA and cell technologies" and others.

In the framework of realization of scientific project "Molecular-genetic analysis of gene pools of populations of rare plant species of Northern Kazakhstan" with a grant financing of MES RK from May 24 to June 2019 planned expedition to study populations of rare plants on the territory of Northern Kazakhstan, where the doctoral student will have acquired skills of field research.

The priority direction in cooperation with potential employers is now the conclusion of agreements on the opening of branches of departments, including, along with the passage of practices, the organization of research, scientific and technical cooperation, joint development and implementation of educational programs, on the basis of practical training. Department of biology and chemistry has two branches: GU "Management of natural resources and environmental management of Kostanay region akimat", LLP "Kostanay".

The EP 6D060200/8D06101 – Informatics is being developed jointly by several universities, and an examination of the content is carried out by foreign professors, thus the quality development of educational programs. In developing international educational programs, using the best methodological and pedagogical experience of the European partners with regard to the requirements of the Bologna process, the University teachers learn to develop educational programs and teaching based on active methods and modern technologies, and developing cooperation with enterprises, modern content of educational programs is ensured through professional development of University teachers.

Branches assist departments in research work, in the organization and carrying out of production and research practices, in the organization of training courses for teaching staff and in conducting field classes. Practical and laboratory classes at the faculty of information technology are held in scientific laboratories equipped with IT equipment.

The implementation of the EP 6D080100/8D08101 – Agronomy is carried out in accordance with the mission of the University, training is implemented strictly in accordance with the adopted strategy of the University development, customer-oriented educational services.

Professor of the Department of agronomy Akhmet A. Z. is a member of the International Coordinating Council for breeding, seed and potato cultivation technology with the participation of scientists of the Russian Federation and the Republic of Kazakhstan.

Work on potato breeding by Professor Ahmet A. Z. is carried out in close creative cooperation with the Ural and Aktobe agricultural experimental stations of Kazakhstan, with breeding centers of the three largest regions of Russia: Western Siberia: Siberia Agricultural research Institute (Omsk); The Urals: South Ural NIPOC (Chelyabinsk), Ural research Institute of agriculture (Ekaterinburg, Russia), Bashkir agricultural research Institute (Ufa), Volga Region: Tatar research Institute of agriculture (Kazan), Udmurtskiy agricultural research Institute (Izhevsk) and Orenburg NEISS (Orenburg).

The teaching staff of the EP improves the level of professional and language training, as

evidenced by certificates of professional development.

There is a high provision of educational and methodical literature in the state and Russian languages, which is published both by the authors of the University and together with the authors of other universities.

Analytical part

Based on the results of the analysis, the members of the EEC came to the following conclusion. The goals and results of the training developed by the EP management are aimed at training practice-oriented specialists, who are represented by a matrix of competencies for each discipline in accordance with the goals of each EP.

The Commission of the EEC was convinced that the implementation of the competent approach within the framework of this EP is predicted, which provides for the widespread use of active and interactive forms of training in the educational process, the use of innovative learning technologies, including the inclusion of undergraduates and doctoral students in business games, master classes, discussions, round tables in order to form professional competencies.

The recommendations of the EEC for 6M060100/7M05401 – Mathematics, 6D060200/8D06101 – Informatics, 6D060700/8D05101 – Biology, 6D080100/8D08101 - Agronomy

- To provide within the framework of the accredited educational program of teaching on the basis of modern achievements of world science and practice in the field of specialization, as well as using the latest methods and techniques of training.

The findings of the EEC's criteria for 6M060100/7M05401 – Mathematics, 6D060200/8D06101 – Informatics, 6D060700/8D05101 – Biology, 6D080100/8D08101 - Agronomy:

EEC notes that in the standard "Standards in the context of individual specialties," according to the 5 criteria the standard have the satisfactory position.

(VII) OVERVIEW OF STRENGTHS/ BEST PRACTICES FOR EACH STANDARD

STANDARD "EDUCATIONAL PROGRAM MANAGEMENT»

- *The University has a published quality assurance policy, the quality assurance policy reflects the relationship between research, teaching and learning.*

- *The University demonstrated the development of a culture of quality assurance, including in the context of the EP.*

The management of the EP should involve representatives of stakeholder groups, including employers, trainees and teaching staff in the development of the EP.

Standard "information Management and reporting»

The EO should demonstrate the existence of an information collection, analysis and management system based on the use of modern information and communication technologies and software, and that it uses a variety of methods to collect and analyze information in the context of the EP.

- *The information expected to be collected and analyzed in the framework of the EP takes into account the dynamics of the contingent of students in the context of forms and types, satisfaction of students with the implementation of the EP and the quality of training at the University, the availability of educational resources and support systems for students.*

- *The University confirms the implementation of procedures for processing personal data of students, employees and on the basis of their documentary consent.*

Standard "Development and approval of the educational program»

- *The University has defined and documented the procedures for the development of the EP and their approval at the institutional level.*

- *The management of the EP ensures that the developed EPs meet the stated objectives, including the expected learning outcomes.*

- *The management of the EP provides the availability of developed models of graduates of the EP, describing the learning outcomes and personal qualities.*

- *The management of the EP showed carrying out external examinations of the contents of the EP and the planned results of its implementation.*

- *The management of the EP presented evidence of participation of students, faculty and other stakeholders in the development of the EP, ensuring their quality.*

STANDARD "CONTINUOUS MONITORING AND PERIODIC EVALUATION OF EDUCATIONAL PROGRAMS»

- *Monitoring and periodic evaluation of the EP provide the content of the programmes in the light of the latest science on specific discipline to ensure the relevance of courses taught, changing needs of society and professional environment.*

Standard "Student-centered learning, teaching and performance assessment»

- *The EP management ensures respect and attention to different groups of learners and their needs, provide them with flexible learning paths.*

The EO should ensure that the procedures for assessing the learning outcomes of students of the EP are consistent with the planned outcomes and objectives of the program. The criteria and methods of evaluation for the EP are published in advance.

- *The University has defined the mechanisms to ensure the achievement of learning outcomes by each graduate of the EP and ensure the completeness of their formation.*

Evaluators should be familiar with modern methods of assessing learning outcomes and regularly improve their skills in this area.

Standard "Students»

The EO should demonstrate that there is a policy for the formation of a contingent of students in the context of the EP from admission to graduation and ensure transparency of its procedures. The procedures governing the life cycle of students (from admission to graduation) should be defined, approved and published.

- The management of the EP determines the order of formation of the contingent of students based on minimum requirements for enrollment, maximum group size in conducting seminars, practical laboratory classes.

- The management of the EP showed readiness for providing training places of practice, assistance to employment of graduates, communication with them.

STANDARD "FACULTY"

The EO should have an objective and transparent personnel policy, including in the context of the EO, including recruitment, professional growth and development of personnel, ensuring the professional competence of the entire staff.

The EO must demonstrate compliance of the personnel potential of the teaching staff with the EO development strategy and the specifics of the EP.

- The management of the EP has demonstrated an awareness of responsibility for its employees and ensuring favorable working conditions for them.

The EO should demonstrate motivation of professional and personal development of teachers of the EP, including encouragement for the integration of scientific activity and education, application of innovative methods of teaching.

Standard "Educational resources and student support systems»

- The management of the EP has demonstrated the existence of support procedures for different groups of students, including information and advice.

- The management of the EP demonstrated compliance of information resources with the specifics of the EP, including library resources, including the Fund of educational, methodological and scientific literature on basic and core disciplines in paper and electronic media, periodicals, access to scientific databases; access to educational Internet resources, the functioning of WI-FI in the territory of the organization of education.

Standard "Public Information»

- The University publishes reliable, objective, up-to-date information about the educational program and its specifics, which includes the expected learning outcomes of the implemented educational program, qualifications and (or) qualifications to be assigned upon completion of the educational program, teaching approaches, training, as well as the system (procedures, methods and forms) of evaluation, information about passing scores and educational opportunities provided to students.

The EO should demonstrate the reflection on the web resource of information characterizing it in general and in the context of educational programs.

(VIII) REVIEW OF QUALITY IMPROVEMENT RECOMMENDATIONS FOR EACH STANDARD

STANDARD "EDUCATIONAL PROGRAM MANAGEMENT»

-To hold a public discussion of the development plans of the EP with representatives of all stakeholders.

- To develop a risk management procedure for the EP, assess the risks of educational programs and develop measures to reduce them.
- To intensify the participation of students and teachers in competitions of research projects for grants.
- For the timely defense of doctoral theses, it is necessary to develop a program for the organization of the Dissertation Council.

Standard "information Management and reporting»

- To provide analysis of information on the quality and implementation of educational programs in order to identify and predict risks.

Standard "Development and approval of the educational program»

- To consider the possibility of developing joint and double-degree educational programs with foreign educational organizations.
- To provide training to the EP accredited professional certification.

STANDARD "CONTINUOUS MONITORING AND PERIODIC EVALUATION OF EDUCATIONAL PROGRAMS»

- To intensify the participation of the EP in international and national rankings confirming the quality of educational services.
- To consider the possibility of establishing branches of the Department at enterprises in the EP 6M060100/7M05401 Mathematics.

Standard "Student-centered learning, teaching and performance assessment»

- To intensify the involvement of foreign and domestic teachers for training and joint research.

Standard "Students»

- To develop a comprehensive program of academic mobility and enhance internal and external academic mobility of undergraduates and doctoral students, taking into account the analysis of financial opportunities of students and support.

STANDARD "FACULTY"

- To develop a program to attract both domestic and foreign scientists and specialists for the development of the EP 6D060200/8D06101- Informatics. Since the current situation does not allow to fully implement the doctoral program.
- To work to improve the multilingual competence of the teaching staff in order to implement trilingual education.
- To develop a program to strengthen the publication activity of the teaching staff in rating scientific journals.
- To increase participation in grant and contractual research for the EP 6M060100/7M05401 - Mathematics, 6D060200/8D06101 – Informatics.

Standard "Educational resources and student support systems»

- To post video lectures of the teaching staff on the official website and for distance learning students.

Standard "Public Information»

- To promptly and fully reflect the information on the interaction with partners in the framework of the EP, to ensure the placement on the website of information on the staff of the teaching staff, as well as its timely update.
- To develop a marketing strategy of the University, activating advertising and informing

the public of the region about the activities of the University and the implemented EP profiles.

STANDARD "STANDARDS IN THE CONTEXT OF INDIVIDUAL SPECIALTIES»

- To provide within the framework of the accredited educational program of teaching on the basis of modern achievements of world science and practice in the field of specialization, as well as using the latest methods and techniques of training.



Appendix 1. Estimated table "PARAMETERS OF SPECIALIZED PROFILE»

№	№ №	Evaluation criteria	Position of the organization of education			
			Strong	Satisfactory	Involves improving	Unsatisfactory
STANDARD "EDUCATIONAL PROGRAM MANAGEMENT»						
1	1.	The organization of higher and (or) postgraduate education should have a published quality assurance policy. The quality policy should reflect the link between research, teaching and learning.	+			
2	2.	The organization of higher and (or) postgraduate education should demonstrate the development of a culture of quality assurance, including in the context of the EP.	+			
3	3.	Commitment to quality assurance should apply to all activities performed by contractors and partners (outsourcing), including joint/double-degree education and academic mobility.			+	
4	4.	The EP management demonstrates a willingness to ensure the transparency of the development plan of OP based on the analysis of its functioning, the actual positioning of EO and focus its activities to meet the needs of the state, employers, students and other stakeholders. The plan should contain the terms of the start of the educational program.		+		
5	5.	The EP management demonstrates the existence of mechanisms of formation and regular revision of the development plan of the EP and monitors its implementation, evaluate achievement of learning objectives, meet the needs of students, employers and society, decision-making aimed at continuous improvement of OP.		+		
6	6.	The management of the EP should involve representatives of stakeholder groups, including employers, trainees and teaching staff in the development of the EP.	+			
7	7.	The management of the EP should demonstrate the individuality and uniqueness of the development plan of the EP, its consistency with national priorities and development strategy of the organization of higher and (or) postgraduate education.		+		
8	8.	The organization of higher and (or) postgraduate education should demonstrate a clear definition of those responsible for business processes within the EP, a clear distribution of staff responsibilities, the division of functions of collegial bodies.		+		
9	9.	The management of the EP should provide evidence of the transparency of the educational program management system.		+		
10	10.	The management of the EP should demonstrate the existence of an internal quality assurance system of the EP, including its design, management and monitoring, their improvement, decision-making on the basis of facts.		+		
11	11.	The management of the EP should manage risks, including within the framework of the EP undergoing primary accreditation, as well as demonstrate a system of measures aimed at reducing the risk.			+	
12	12.	The management of the EP should ensure the participation of representatives of employers, teaching staff, students and other interested persons in the collective management bodies of the educational program, as well as their representativeness in decision-making on the management of the educational program.		+		
13	13.	The EO should demonstrate innovation management within the EP, including analysis and implementation of innovative proposals.		+		

14	14.	The EP management should demonstrate evidence of openness and accessibility to learners, faculty, employers and other stakeholders.		+		
15	15.	The management of the EP should be trained in education management programs.		+		
Total grade for the standard			3	10	2	
Standard "information management and reporting»						
16	1.	The EO should demonstrate the existence of an information collection, analysis and management system based on the use of modern information and communication technologies and software, and that it uses a variety of methods to collect and analyze information in the context of the EP.	+			
17	2.	The management of the EP should demonstrate that there is a mechanism for the systematic use of processed, adequate information to improve the internal quality assurance system.		+		
18	3.	The management of the EP should demonstrate fact-based decision-making.		+		
19	4.	Within the framework of the EP, a system of regular reporting should be provided, reflecting all levels of the structure, including an assessment of the effectiveness and efficiency of the activities of units and departments, research.		+		
20	5.	The EO should establish the frequency, forms and methods of evaluation of the management of the EP, the activities of collegial bodies and structural units, senior management, implementation of research projects.		+		
21	6.	The EO should demonstrate the order and security of information, including the identification of those responsible for the accuracy and timeliness of information analysis and reporting.		+		
22	7.	An important factor is the availability of mechanisms for involving students, employees and teaching staff in the collection and analysis of information, as well as decision-making based on them.		+		
23	8.	The management of the EP should demonstrate that there is a mechanism for communication with learners, employees and other stakeholders, as well as conflict resolution mechanisms.		+		
24	9.	The EO should demonstrate that mechanisms are in place to measure the satisfaction of the needs of the teaching staff, staff and trainees within the EP.		+		
25	10.	The EO should provide for performance and effectiveness evaluation, including in the context of the EP.			+	
		The information to be collected and analysed by the EP should take into account:				
26	11.	key performance indicators;		+		
27	12.	dynamics of the contingent of students in the context of forms and types;	+			
28	13.	the level of academic achievement, student achievements, etc;		+		
29	14.	satisfaction of students with the implementation of the EP and the quality of education at the University;	+			
30	15.	availability of educational resources and support systems for students.	+			
31	16.	The EO must confirm the implementation of procedures for processing personal data of students, employees and teaching staff on the basis of their documentary consent.	+			
Total grade for the standard			5	10	1	
Standard "Development and approval of basic educational programs»						
32	1.	The EO should define and document the procedures for developing and approving the EP at the institutional level.	+			

33	2.	The management of the EP should ensure that the developed EP meets the stated objectives, including the expected learning outcomes.	+			
34	3.	The management of the EP must ensure that it has developed models of the graduate of the EP describing the learning outcomes and personal qualities.	+			
35	4.	The management of the EP should demonstrate external reviews of the content of the EP and the planned results of its implementation.	+			
36	5.	The qualifications assigned at the end of the EP should be clearly defined and correspond to a certain level of the NSC.		+		
37	6.	The management of the EP should determine the impact of disciplines and professional practices on the formation of learning outcomes.		+		
38	7.	An important factor is the possibility of training students for professional certification.		+		
30	8.	The management of the EP should provide evidence of the participation of students, faculty and other stakeholders in the development of the EP, ensuring their quality.	+			
40	9.	The complexity of the EP should be clearly defined in Kazakhstan credits and ECTS.		+		
41	10.	The management of the EP should ensure that the content of academic disciplines and planned results are consistent with the level of training (bachelor's, master's, doctoral).		+		
42	11.	The structure of the EP should include various activities to ensure that students achieve the planned learning outcomes.		+		
43	12.	An important factor is the correspondence of the content of the EP and learning outcomes of OP, implemented by organizations of higher and (or) postgraduate education in the epvo.		+		
Total grade for the standard			5	7		
Standard "Continuous monitoring and periodic evaluation of basic educational programs»						
44	1.	The EO should define mechanisms for monitoring and periodic evaluation of the EP in order to achieve the goal and meet the needs of students and society. The results of these processes should be aimed at continuous improvement of the EP.		+		
		<i>Monitoring and periodic evaluation of the EP should include:</i>				
45	2.	the content of the programs in the light of the latest achievements of science in a particular discipline to ensure the relevance of the taught discipline;	+			
46	3.	changes in the needs of society and the professional environment;	+			
47	4.	student workload and performance;		+		
48	5.	effectiveness of students ' assessment procedures;		+		
49	6.	expectations, needs and satisfaction of students with EP training;		+		
50	7.	educational environment and support services and their compliance with the objectives of the EP.		+		
51	8.	The EO, the management of the EP should define a mechanism to inform all stakeholders of any planned or undertaken actions with respect to the EP.		+		
52	9.	All changes made to the EP must be published. The management of the EP should develop a mechanism to review the content and structure of the EP, taking into account changes in the labour market, employers ' requirements and the social demand of the		+		

		society.				
Total grade for the standard			2	7		
Standard "Student-centered learning, teaching and performance assessment»						
53	1.	The management of the EP should ensure respect and attention to different groups of students and their needs, provide them with flexible learning paths.	+			
54	2.	The management of the EP should provide for the use of different forms and methods of teaching and learning.		+		
55	3.	An important factor is the availability of own research in the field of teaching methods of academic disciplines the EP.		+		
56	4.	The management of the EP should demonstrate the existence of feedback mechanisms on the use of different teaching methods and evaluation of learning outcomes.		+		
57	5.	The management of the EP should demonstrate the existence of mechanisms to support the autonomy of students, while at the same time guidance and assistance from the teacher.		+		
58	6.	The management of the EP should demonstrate that there is a procedure for responding to students ' complaints.		+		
59	7.	The EO should ensure the consistency, transparency and objectivity of the learning assessment mechanism for each EP, including the appeal.		+		
60	8.	The EO should ensure that the procedures for assessing the learning outcomes of students of the EP are consistent with the planned outcomes and objectives of the programme. The criteria and methods of evaluation for the EP should be published in advance.	+			
61	9.	The EO should identify mechanisms to ensure that each graduate of the EP achieves learning outcomes and ensure the completeness of their formation.	+			
62	10.	Evaluators should be familiar with modern methods of assessing learning outcomes and regularly improve their skills in this area.	+			
Total grade for the standard			4	6		
Standard "Students»						
63	1.	The EO should demonstrate that there is a policy for the formation of a contingent of students in the context of the EP from admission to graduation and ensure transparency of its procedures. The procedures governing the life cycle of students (from admission to completion) should be defined, approved and published.	+			
		<i>The management of the EP should determine the order of formation of the contingent of students on the basis of:</i>				
64	2.	minimum requirements for applicants;	+			
65	3.	maximum group size for seminars, practical, laboratory and studio sessions;	+			
66	4.	forecasting the number of state grants;		+		
67	5.	analysis of available material and technical, information resources, human resources;		+		
68	6.	analysis of potential social conditions for students, including the provision of places in the hostel.		+		
69	7.	The EP management must demonstrate a willingness to undertake special programs of adaptation and support for newly arrived and international students.		+		
70	8.	The EO must demonstrate its compliance with the Lisbon Recognition Convention.		+		
71	9.	The EO should cooperate with other education organizations and national centres of the "European network of national information centres for academic recognition and mobility/National academic Information Centres for Recognition" ENIC/NARIC to ensure		+		

		comparable recognition of qualifications.				
72	10.	Management of the EP should demonstrate that there is a mechanism to recognize the results of academic mobility of students, as well as the results of additional, formal and non-formal education.		+		
73	11.	The EO should provide an opportunity for external and internal mobility of students of the EP, as well as readiness to assist them in obtaining external grants for training.		+		
74	12.	The management of the EP should demonstrate readiness to provide students with places of practice, promote employment of graduates, maintain communication with them.	+			
75	13.	The EO needs to be able to provide graduates with the EP documents confirming obtained qualifications, including achieved learning outcomes and the context, content and status of education and evidence of its completion.		+		
76	14.	An important factor is the availability of mechanisms for monitoring the employment and professional activities of graduates of the EP.		+		
Total grade for the standard			4	10		
STANDARD "FACULTY"						
77	1.	The EO should have an objective and transparent personnel policy, including in the context of the EO, including recruitment, professional growth and development of personnel, ensuring the professional competence of the entire staff.	+			
78	2.	The EO must demonstrate compliance of the personnel potential of the teaching staff with the EO development strategy and the specifics of the EP.	+			
79	3.	The management of the EP should demonstrate a sense of responsibility for its employees and ensure a favorable working environment for them.	+			
80	4.	The leadership of the EP should demonstrate the change in the role of the teacher in connection with the transition to student-centered learning.		+		
81	5.	The EO should determine the contribution of the teaching staff to the implementation of the EO development strategy and other strategic documents.		+		
82	6.	The EO should provide opportunities for career growth and professional development of the teaching staff of the EP.		+		
83	7.	The leadership of the EP should demonstrate a willingness to engage practitioners from relevant industries in teaching.		+		
84	8.	The EO should demonstrate motivation of professional and personal development of teachers of the EP, including encouragement for the integration of scientific activity and education, application of innovative methods of teaching.	+			
85	9.	An important factor is the readiness to develop academic mobility within the EP, to attract the best foreign and domestic teachers.			+	
Total grade for the standard			4	4	1	
Standard "Educational resources and student support systems»						
86	1.	The EO should guarantee a sufficient number of training resources and student support services that meet the objectives of the EP.	+			
87	2.	The educational organization should demonstrate the adequacy of material and technical resources and infrastructure, taking into account the needs of different groups of students in the context of educational programs (adults, workers, foreign students, as well as students with disabilities).		+		

		<i>The EP management must demonstrate the existence of procedures for support of different groups of students, including informing and consulting. The management of the educational program should demonstrate the compliance of information resources with the specifics of the educational program, including compliance with:</i>				
88	3.	technological support of students and teaching staff in accordance with educational programs (for example, online training, modelling, databases, data analysis programs);		+		
89	4.	library resources, including the Fund of educational, methodical and scientific literature on General education, basic and major disciplines on paper and electronic media, periodicals, access to scientific databases;	+			
90	5.	examination of research results, final papers and dissertations for plagiarism;		+		
91	6.	access to educational Internet resources;	+			
92	7.	the functioning of WI-FI in the territory of the organization of education.	+			
93	8.	The educational organization should strive to ensure that the training equipment and software used for the development of the educational program, were similar to those used in the relevant industries.		+		
Total grade for the standard			4	4		
Standard "Public Information»						
		<i>The EO should publish accurate, objective, up-to-date information about the educational program and its specifics, which should include:</i>				
94	1.	expected learning outcomes of the implemented educational program;	+			
95	2.	qualification and (or) qualification to be awarded upon completion of the educational program;	+			
96	3.	teaching and learning approaches, as well as the system (procedures, methods and forms) of assessment;	+			
97	4.	information about passing scores and training opportunities provided to students;	+			
98	5.	information on employment opportunities for graduates.		+		
99	6.	The EP management should provide for a variety of ways to disseminate information, including media, information networks to inform the General public and stakeholders.		+		
100	7.	Public awareness should include support and clarification of the country's national development programs and higher and postgraduate education.		+		
101	8.	The EO should demonstrate the reflection on the web resource of information characterizing it in General and in the context of educational programs.	+			
102	9.	An important factor is the availability of adequate and objective information on the teaching staff of the EP.		+		
103	10.	An important factor is to inform the public about cooperation and interaction with partners in the framework of the EP.		+		
Total grade for the standard			5	5		
Standards in the context of individual specialties						
NATURAL SCIENCES, AGRICULTURAL SCIENCE, ENGINEERING, AND TECHNOLOGY						
		The educational program of the directions "Natural Sciences", "Technical Sciences and technologies" should meet the following requirements:				
104	1.	The EP should include disciplines and activities aimed at gaining practical experience and skills in the specialty in General and in the core disciplines in particular, including:		+		

		<ul style="list-style-type: none"> - excursions to enterprises for specialization (factories, workshops, research institutes, laboratories, training and experimental farms, etc.), - conducting individual classes or entire disciplines in the enterprise specialization; - holding seminars to solve practical problems relevant to enterprises in the field of specialization, etc.; 				
105	2.	The teaching staff involved in the education program should include full-time teachers, practitioners with long-term experience as a full-time employee in enterprises in the field of specialization of the education program.		+		
106	3.	The content of all disciplines of the EP should be based and include a clear relationship with the content of the fundamental natural sciences.		+		
107	4.	The management of the EP should include measures to strengthen practical training in the field of specialization.		+		
108	5.	The management of the OP should provide training for students in the use of modern information technology.		+		
Total grade for the standard				5		
TOTAL			36	68	4	

