



«АККРЕДИТЕУ ЖӘНЕ РЕЙТИНГТІҢ  
ТӘУЕЛСІЗ АГЕНТТІГІ» КЕМ

НУ «НЕЗАВИСИМОЕ АГЕНТСТВО  
АККРЕДИТАЦИИ И РЕЙТИНГА»

INDEPENDENT AGENCY FOR  
ACCREDITATION AND RATING

# REPORT

on the results of the work of the external expert commission  
for the evaluation of compliance with the standards of specialized  
accreditation of the educational program

6B07501, 7M07501, 8D07501 -  
STANDARDIZATION AND CERTIFICATION (by industry)

Kazakh National Agrarian Research University

**INDEPENDENT ACCREDITATION AND RATING AGENCY**  
**External expert commission**

**Addressed to**  
**IAAR**  
**Accreditation Council**



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**for the evaluation of compliance with the standards of specialized**  
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**Kazakh National Agrarian Research University**

**Almaty**

**"04" March 2022**

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(I) LIST OF SYMBOLS AND ABBREVIATIONS

MES RK	Ministry of Education and Science of the Republic of Kazakhstan
MA RK	Ministry of Agriculture of the Republic of Kazakhstan
NAS RK	National Academy of Sciences of the Republic of Kazakhstan
NPJSC	Non-profit joint stock company
KazNARU	Kazakh National Agrarian Research University
LD	legal documents
EP	educational program
GED	general education disciplines
BD	basic disciplines of EP
MD	major disciplines
ORDS	office of registration and documents of students
SSP	standard study plan
WC	working curriculum
RW	research work
QMS	Quality Management System
TS	teaching staff
EMCD	educational and methodological complex of the discipline
EMCS	educational and methodical complex of the specialty
IWST	independent work of the student with the teacher
UNT	unified national testing
CT	comprehensive testing
IWDS	independent work of a doctoral student
DRW	doctoral research work
CC	certifying commission
RL	research laboratory
RI	Research Institute
CED	catalog of elective disciplines
MSIWP	Master student's individual work plan
IWPDS	individual work plan of a doctoral student
HR	human resources

## **(II) INTRODUCTION**

In accordance with the Order of the General Director of the Independent Agency for Accreditation and Rating № 13-22-OD of 14.01.2022 in the Kazakh National Agrarian Research University by an external expert commission was conducted a quality assessment of educational programs 6B07501, 7M07501, 8D07501 -Standardization and Certification (by industry) to meet the standards of specialized accreditation IAAR.

The external audit was conducted in accordance with the external audit program, there were a meeting with the university management, with the heads of departments, interviews with deans and heads of departments, with representatives of practice bases, with teachers and students, with employers and graduates of the university. This allowed to get information on the general activities of the university, its achievements and development prospects. All necessary materials for the work (visit program, report on self-assessment of educational programs of the university, Guidelines on the organization and conduct of external evaluation for the procedure of specialized accreditation, templates of external audit reports, recommendations for experts, etc.) were provided to the members of the expert group before the visit to the educational organization, which provided an opportunity to prepare for the external evaluation procedure in time.

The report of the External Expert Commission (EEC) contains the evaluation of educational programs to the IAAR standards criteria, recommendations of the EEC on improving the quality of educational programs and the conclusion of the external expert commission according to the criteria of the specialized accreditation standards.

### **Members of EEC**

Chairman of EEC – Vorob'eva Svetlana Leonidovna, Doctor of Agricultural Sciences, Professor, Vice-Rector for Educational and Educational Activities of the Izhevsk State Agricultural Academy, expert of the Federal Accreditation Agency (Izhevsk, Russian Federation);

Foreign expert IAAR - Starchuk Nikolaj Vasil'evich, Doctor of veterinary Sciences, Professor, State Agrarian University of Moldova (SAUM);

Foreign expert IAAR – Vasilenko Zoya Vasil'evna, Doctor of technical Sciences, Professor, Corresponding Member of the National Academy of Sciences of Belarus, Honored Scientist of the Republic of Belarus, Belarusian State University of Food and Chemical Technologies (Minsk, Belarus);

Foreign expert IAAR – Suhanova Svetlana Fail'evna, Doctor of Agricultural Sciences, Professor, Vice-Rector for Research Kurgan State Agricultural Academy named after T.S. Maltsev (Kurgan, Russian Federation);

Expert IAAR – Nurgazezova Alma Nurgazezovna, Candidate of technical Sciences, associated professor, Shakarim University (Semej);

Expert IAAR – Kurmangalieva Dina Bakytkozhaevna, Doctor of technical Sciences, S.Seifullin Kazakh Agrotechnical University (Nur-Sultan);

Expert IAAR – Bauzhanova Lyajlya Maulyutkanovna, Candidate of veterinary Sciences, associated professor, Toraighyrov University (Pavlodar);

Employer – Alimbaev Said Tolegenovich, Deputy Director of the Department of Trade and Small Business Development of NCE RK "Atameken" (Nur-Sultan);

Employer – ZHantleuov Daniyar Amangel'dinovich, Candidate of Agricultural Sciences, employee of North-Kazakhstan Research Institute of Livestock and Crop production (Petrovsk);

Student – Uahit Rabiga, Докторант, member of the Alliance of Students of Kazakhstan, S.Seifullin Kazakh Agrotechnical University (Nur-Sultan);

Student – Abdykarimov Bauyrzhan Bejsenbaevich, member of the Alliance of Students of Kazakhstan, Al-Farabi Kazakh National University (Almaty);

Student – Arstanbekova Dina ZHanbolatovna, member of the Alliance of Students of Kazakhstan, Kazakh University of Technology and Business (Nur-Sultan);

Student – Ahmetova Asylzhan, member of the student trade union «Senim», L.N. Gumilyov Eurasian National University (Nur-Sultan);  
 IAAR Coordinator – Gulfiya Nazyrova, Candidate of Economy, Project Manager for Review Panel Members IAAR (Nur-Sultan).

### (III) DESCRIPTION OF THE EDUCATIONAL ORGANIZATION

Kazakh National Agrarian Research University was established in 1996 on the basis of two institutes: the Almaty Zooveterinary Institute, which was founded in 1929 and the Kazakh Agricultural Institute (1930).

In 2001 by the Decree of the President of the Republic of Kazakhstan N.A. Nazarbayev the University was granted the status of National University.

In 2010 the University began the transformation into the National Research University, and was awarded the status in 2020.

NPJSC KazNARU has a state license number №KZ89LAA00031870 from August 05, 2021 to conduct educational activities in the field of higher and postgraduate vocational education. KazNARU underwent the procedure of institutional accreditation at the ULE of Kazakhstan Association of Engineering Education KAZSEE. Accreditation certificate №1920 KE 0025 (12.06.2019 - 12.06.2024).

Today the University is: the Republican Educational-Methodological Council of the UMO-GUP; Coordinator for the development of academic mobility (implemented through the Global Consortium, as well as projects and programs Tempus, Erasmus Mundus, Bolashak, DAAD, FET and others); Member of the Global Consortium, uniting more than 300 agricultural universities of the world; Member of 8 international consortia.

In 2020, KazNARU opened an Institute to work with Wageningen University, where training in two educational programs WUR "Plant Science and Technology", "Veterinary and Food Safety and Technology", in 2021 accredited by the international agency ACQUIN at the University of Applied Sciences Weinsten (Germany). A double diploma master's program "Water resources management using IT technologies" is implemented with the Warsaw University of Natural Sciences (Poland), two programs "Land reclamation, reclamation and protection" and "Water resources" are also developed with the Brest State Technical University and the University of Vytautas the Great (Lithuania).

The university annually organizes international summer and winter schools, the participants of which are scientists from European partner universities, undergraduates from foreign and Kazakhstani universities <http://www.kaznaru.edu.kz/>. The University moved up by 150 positions in QS Global Ranking for the last 3 years and in 2021 it was 551st place. Totally more than 1600 higher educational institutions from 93 countries took part in the QS rating this year. In the ranking QS Developing Europe and Central Asia the university took 83rd place out of 400 participating higher educational institutions. The university is in top ten of the International rating "IAAR Eurasian University Ranking (IAAR EUR) - 2021" and was awarded the nomination "IAAR EUR Agricultural University Award". In top 50 best scientists of Kazakhstan the national IAAR rating includes 7 researchers of the university. According to data of international information-analytical platform Web of Science for the second time in a row the university became the holder of independent award "Leader by quantity of publications in Q1 and Q2 quartiles of Web of Science Core Collection for the last 3 years among agrarian universities of CIS". The university occupies leading positions in national institutional and program university rankings of IQAA, IAAR, RRA. In the last academic year, the university was ranked 4th in the Antiplagiat-killer rating.

KazNARU has the Agrotechnological HUB, Kazakhstan-Japan Innovation Center, Scientific and Educational Innovation Center, Kazakhstan-Korean Innovation Center, Water Innovation Center (Water hub), Kazakhstan-Belarus Innovation Center, Gardening and Vegetables Research Center, Kazakhstan-Netherlands Intensive Garden Center, International Innovation Center of



Vaccinology, Educational and Experimental Farm "AgroUniversity", Innovative Greenhouse, N. Nazarbayev, Center for Education and Science, Situation Center, Sanaly Urpak Club.

The University implements educational programs for 45 Bachelor's degree programs, 2 - special higher education, 129 - Master's degree programs and 35 - Doctoral PhD programs. At 5 faculties, 1 Higher School of Business and Law and 1 Institute of SGD and B named after O. Suleimenov, 31 departments and 1 military department study more than 7 thousand people, including about 600. master and PhD students, which is 8%. The share of students on state educational grants is 71%.

Training is conducted by 727 teachers, including 10 academicians of National Academy of Sciences, 64 doctors and 200 candidates of sciences, 58 PhD doctors. The proportion of teachers with scientific degrees and titles from the number of full-time faculty is 52%.

The contingent of students at the University as of 01.03.2022 is a total of 7024 people, including: on the basis of state educational grant - 4502. Students of distance learning - 766, undergraduates - 447, including 363 on the state order; doctoral students - 129, including 128 on the state order.

#### (IV) DESCRIPTION OF THE PREVIOUS ACCREDITATION PROCESS

During the period from November 08 to 10, 2016 at the Kazakh National Agrarian University an external expert commission assessed the compliance of the educational program 6B07501, 7M07501, 8D07501 -Standardization and Certification (by industry) with the standards of specialized accreditation of the IAAR. On December 2, 2016 by the decision of the Accreditation Council the educational program was accredited for 5 years.

#### (V) DESCRIPTION OF THE EXTERNAL EXPERT COMMISSION VISIT

The visit of the External Expert Commission to the Kazakh National Agrarian Research University was organized in accordance with the program agreed in advance with the Chairman of the EEC and approved by the Rector of the University in the period from March 02 to March 4, 2022.

Meetings of the EEC with the target groups were held in accordance with the specified program of the visit, in compliance with the established time interval. On the part of the staff of Kazakh National Agrarian Research University, the presence of all persons specified in the program of the visit was ensured.

During visit, except work with target groups, conversations with pro-rectors of university on directions of activity, heads of structural divisions, deans of faculties, heads of departments, teachers, students, graduates and employers were held. In total 157 representatives participated in the meetings (Table 1).

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

<b>Category of participants</b>	<b>Number</b>
Chairman of the Board - Rector	1
Deputy Chairman of the Board - Provost	1
Deputy Chairman of the Board - Rector	1
Vice-rector	4
Head of structural divisions	33
Dean	2
Head of Department	7
Teachers	33
Students	40
Graduates	20
Employers and representatives from practice bases	15

TOTAL:	157
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Visual inspection was conducted in order to get an overview of the organization of educational, scientific and methodological processes, material and technical base, to determine its compliance with standards, as well as to contact with students and staff at their workplaces. During the tour, members of EEC got acquainted with the state of the material and technical base of the Department of "Technology and Safety of Food", visited innovative centers: "Kazakhstan-Japanese", "Agrotechnological HUB", practice bases, as well as laboratories of the departments, implementing the educational program.

The meeting with T.I. Yespolov, Chairman of the Board-Rector, gave the opportunity to the teams of experts to know the strategy of the development of the university and the prospects of the educational programmes of the university.

During the accreditation period the classes were attended:

- March 3, 10<sup>20</sup>-11<sup>10</sup>, the discipline "Microbiology", practical training, Lecturer Altenov A..
- March 3, 08<sup>00</sup>-10<sup>00</sup>, discipline "Azyk-tulik onimderinin adulteration", practical training, doctoral student Myrzhykbaeva A.
- March 3, 08<sup>00</sup>-10<sup>00</sup>, discipline "Food microbiology", lecture, Professor Kuzembekova G.
- March 3, 08<sup>00</sup>-10<sup>00</sup>, discipline "Azyk-toolik onimderin sensorilyk taldauy", practical training, assistant Valieva G.
- March 3, 10<sup>20</sup>-11<sup>10</sup>, the discipline "Macaroni indirisynyn technology", p practical training, assistant Zhuman N.
- March 3, 10<sup>20</sup>-11<sup>10</sup>, the discipline "Microbiology", practical training, associate professor Erbulekova M.

## (VI) COMPLIANCE WITH THE STANDARDS OF SPECIALIZED ACCREDITATION

### 6.1. Standard "Management of Educational Program"

The institution must have a published quality assurance policy.

The quality assurance policy should reflect the relationship between research, teaching and learning.

The university must demonstrate the development of a culture of quality assurance, including in the context of EP.

Commitment to quality assurance should apply to any activity performed by contractors and partners (outsourcing), including the implementation of joint / double degree education and academic mobility.

The management of the EP ensures the transparency of the development plan for the development of the EP based on an analysis of its functioning, the real positioning of the university and the focus of its activities on meeting the needs of the state, employers, stakeholders and students.

The EP management demonstrates the functioning of the mechanisms for the formation and regular revision of the EP development plan and monitoring its implementation, assessing the achievement of learning goals, meeting the needs of students, employers and society, making decisions aimed at continuous improvement of the EP.

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

The EP management must demonstrate the individuality and uniqueness of the EP development plan, its consistency with national development priorities and the development strategy of the educational organization.

The university must demonstrate a clear definition of those responsible for business processes within the EP, an unambiguous distribution of staff duties, and delimitation of the functions of collegial bodies.

The management of the EP must provide evidence of the transparency of the educational program management system.

The management of the EP must demonstrate the successful functioning of the internal quality assurance system of the EP, including its design, management and monitoring, their improvement, decision-making based on facts.

The management of the EP should carry out risk management.

The management of the EP should ensure the participation of representatives of stakeholders (employers, teaching staff, students) in the collegiate management bodies of the educational program, as well as their representativeness in making decisions on the management of the educational program.

The university must demonstrate innovation management within the EP, including the analysis and implementation of innovative proposals.



The EP management must demonstrate evidence of openness and accessibility for students, teaching staff, employers and other interested parties.

The management of the EP must be trained in education management programs.

The management of the EP should strive to ensure that the progress made since the last external quality assurance procedure is taken into account when preparing for the next procedure.

### ***The proving Part***

The Kazakh National Agrarian Research University was one of the first in Kazakhstan to switch to a three-stage system aimed at professional development and personal development based on the achievement of science, practice, and national human values. The credit technology of education has been fully introduced.

In order to coordinate the activities of higher educational institutions that train agricultural specialists, improve the content of educational programs and methodological support of the educational process, based on the achievements of world and domestic science and methodology on the basis of KazNARU, there is an Educational and Methodological Association - Project Management Groups of the Republican Educational and Methodological Council ( UMO-GUP RUMS) of the Ministry of Education and Science of the Republic of Kazakhstan for 8 groups of educational programs of higher and postgraduate education, united in the following areas of education: "Agriculture and bioresources"; "Veterinary". Integrated educational programs and a catalog of elective disciplines have been developed with the participation of scientists and teachers of agricultural universities, research institutes and employers.

Approved the Policy and Objectives of Quality Assurance, the Development Strategy of the EP 6B07501, 7M07501, 8D07501 -Standardization and Certification (by industry), which correspond to the Mission, Goals and Tasks of the university, in accordance with the adopted laws and legislative acts of the Republic of Kazakhstan in the field of development of agricultural education and science (published on the university website, faculty, in the texts of the main educational programs).

The connection between research, teaching and learning is reflected in the vision and policies of the university [https://www.kaznaru.edu.kz/page/university/?link=universitettin\\_missiiasy\\_179&lang=ru](https://www.kaznaru.edu.kz/page/university/?link=universitettin_missiiasy_179&lang=ru),

Development program of KazNARU as a national research university for 2020-2024, quality assurance policy [http://www.kaznaru.edu.kz/page/strategy/program\\_development\\_new.pdf](http://www.kaznaru.edu.kz/page/strategy/program_development_new.pdf),

Development strategies of the Kazakh National Agrarian University until 2024 [https://www.kaznaru.edu.kz/page/strategiia/?link=damu\\_strategiiasy\\_453&lang=ru](https://www.kaznaru.edu.kz/page/strategiia/?link=damu_strategiiasy_453&lang=ru).

Realizing the strategic goals of the university and managing the interconnected processes of KazNARU as an integral system, the university management strives for continuous improvement of its activities through quality monitoring based on data analysis and reliable information.

Information about the mission, goals and objectives of the educational program is available at university website and faculty in the texts of the main educational programs.

The mission of EP 6B07501, 7M07501, 8D07501 -Standardization and Certification (by industry) follows from the mission of KazNARU, includes the mission of the department "Technology and food safety" and corresponds to the strategic goals and objectives of the national education system, the development of the country and the region and the current university management system, training of highly qualified specialists with a competitive level of knowledge, skills and professional skills in the field of relevant areas, with the necessary professional and personal competencies sufficient for successful activity.

Educational programs for the preparation of bachelors, masters and doctoral students implemented by the university is a system of documents developed and approved by the university, taking into account the requirements of the labor market on the basis of legislative and regulatory acts of the Ministry of Education and Science of the Republic of Kazakhstan. The educational program is formed based on the needs of the labor market, large commodity producers and must meet the expectations of employers.

The goals of EP 6B07501, 7M07501, 8D07501 -Standardization and Certification (by industry) were discussed at a meeting of the department, supported by the team involved in the implementation of the EP, published in the QED and available to all interested parties and teachers, and students, and employers and are located in the library, in reading room of the university.

Development plan EP 6B07501, 7M07501, 8D07501 -Standardization and Certification (by industry) corresponds to the goals, objectives and priorities of the national education system, which is expressed in the implementation of the five main development priorities. This is the development of intangible assets, intensive integration into the agricultural research and production consortium, dynamic entry into the international scientific and educational space, the development of educational and scientific infrastructure, the formation of a motivated contingent of students.

The development plan for EP 6B07501, 7M07501, 8D07501 -Standardization and Certification (by industry) was reviewed and approved at an extended meeting of the department and faculty, and any interested person can familiarize himself with it on the university website [https://www.kaznaru.edu.kz/page/facultet/?name=tekhnologiya\\_zhane\\_bioresurstar&var=bilim\\_beru\\_bagdarlamasy\\_39&lang=ru](https://www.kaznaru.edu.kz/page/facultet/?name=tekhnologiya_zhane_bioresurstar&var=bilim_beru_bagdarlamasy_39&lang=ru).

Public awareness is carried out through constant communication with employers, posting documents on the implementation of the EP in the public domain.

Educational programs for the preparation of bachelors, masters and doctoral students "Standardization and certification (by industry)" is a system of documents developed and approved by the university, taking into account the requirements of the labor market on the basis of legislative and regulatory acts of the Ministry of Education and Science of the Republic of Kazakhstan. The educational program is formed based on the needs of the labor market, large commodity producers and must meet the expectations of employers.

Taking into account the wishes and needs of the stakeholders, adjustments are made to the working curricula to include modern, relevant disciplines, the amount of time for professional practice, etc. as necessary (reviews, recommendations from employers, approved specialty programs).

To successfully solve the problems of monitoring and managing the quality and safety of agricultural and food products in Kazakhstan, an Agrotechnical Hub and a reference dairy laboratory were created on the basis of the university to determine the quality indicators of food products. This center conducts laboratory and practical classes, scientific research for undergraduates and doctoral students, training and retraining of specialists in standardization and certification.

The advantage of the EP Standardization and Certification (by industry) are: highly qualified teaching staff; high material and technical equipment of the educational program; training is conducted in three languages (state, Russian and English); dual training has been introduced; External and internal mobility programs have been widely introduced; communication with employers and graduates of educational programs; 100% provision of a hostel for living during training; the presence of a military department and a medical center; access to all educational resources, material (library, laboratories, classrooms, technical teaching aids, sports facilities, canteens and buffets) .

The university has developed an effective mechanism to ensure the achievement and adjustment of the goals of educational programs; revision of the content of the goals of the educational program is carried out regularly at least once every 5 years, taking into account the development of science, technology, culture, economics, technology, social sphere and is carried out according to the results of external and internal monitoring of the results and conditions for the implementation of EP 6B07501, 7M07501, 8D07501 -Standardization and Certification (by industry), including in the process of quality management audit.

The introduction of changes in the EP is carried out at the stages of adjusting the content of the goals, the structure of the program, designing curricula and correcting the work programs of academic disciplines.

Internal quality assurance is carried out through monitoring of processes, documentation of

the EP, regular analysis of activities and implementation of accredited EP.

Information reflecting the planning processes and the results of evaluating its effectiveness for students, employees and the public is provided by the availability and operation of the Platonus AIS and the Distance Learning Portal.

Students are actively involved in all processes of educational, scientific and innovative activities, have access to all learning resources (library, laboratories, classrooms, teaching aids, sports facilities, canteens and buffets, etc. and human).

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

The university as a whole has developed a system for ensuring the quality of education, there is an approved "Quality PolicyKazNARU", "Academic policy of KazNARU". The results of the analysis of the quality of education are available to all participants in the educational process, are reflected on the official website of the university. All stakeholders should be involved in assessing the quality of education - both the management of the university and educational programs, and the academic community, and employers, and students, and strategic partners of the educational program.

The self-assessment report contains only the results of assessing the quality of education based on the results of a student survey. Neither on the website of the university, nor in other documents of other assessments of the quality of the educational process could be found.

Although the university has a system of outsourcing in the field of educational services, there is no clear mechanism for determining those types of educational activities (on the basis of practice, in branches of departments, in the field of dual education) that are outsourced. There are also no clear criteria for evaluating the educational services provided by partners and contractors.

The involvement of stakeholders in the development of plans for the development of an educational program is mainly of a formal nature and is reflected not in the real influence of employers, graduates, students, the public on this procedure, but in the presence of signatures on reviews of the educational program and other similar documents.

For the qualitative implementation of the educational process, conducting classes in the master's and doctoral studies of the EP "Standardization and certification (by industry)", the department does not have the necessary number of teaching staff who speak English.

In its self-assessment report, the university itself notes the presence of certain risks: "Insufficiently high number of teaching staff capable of teaching in English. Academic mobility with domestic and foreign universities is not sufficiently developed."

At the time of accreditation, management has shown that effective measures are being taken to address these risks.

#### ***Strengths/best practices***

- Publication activity of teaching staffjournals with a high impact factor.
- Implementation and use of the results of scientific research in the educational process.
- In the content of the EP bachelor's - master's - doctoral studies, consistency and continuity are observed, aimed at meeting the needs of the state, employers, interested persons and students

#### ***Recommendations of the EEC***

- By the end of 2022, develop a Plan for passing the teaching staff of foreign language courses.

**EEC conclusions by criteria: 3 strong / 14 satisfactory**

### **6.2. Standard " Information Management and Reporting "**

The university must ensure the functioning of the system for collecting, analyzing and managing information based on the use of modern information and communication technologies and software.

The management of the EP must demonstrate the systematic use of processed, adequate information to improve the internal quality assurance system.

Within the framework of the EP, there should be a system of regular reporting that reflects all levels of the structure, including an assessment of the effectiveness and efficiency of the activities of departments and departments, scientific research.

The university should establish the frequency, forms and methods for assessing the management of the EP, the activities of collegial bodies and structural divisions, top management, and the implementation of scientific projects.



The university must demonstrate the determination of the procedure and ensuring the protection of information, including the identification of persons responsible for the reliability and timeliness of the analysis of information and the provision of data.

An important factor is the involvement of students, employees and teaching staff in the processes of collecting and analyzing information, as well as making decisions based on them.

The management of the EP must demonstrate the existence of a mechanism for communication with students, employees and other interested parties, including the existence of mechanisms for resolving conflicts.

The university must ensure the measurement of the degree of satisfaction with the needs of teaching staff, staff and students within the framework of the EP and demonstrate evidence of the elimination of identified shortcomings.

The university should evaluate the effectiveness and efficiency of activities, including in the context of the EP.

The information collected and analyzed by the university within the framework of the EP should take into account:

- key performance indicators;
- the dynamics of the contingent of students in the context of forms and types;
- academic performance, student achievement and dropouts;
- 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;
- employment and career growth of graduates.

Students, employees and teaching staff must document their consent to the processing of personal data.

The management of the EP should contribute to the provision of all necessary information in the relevant fields of science.

### ***The proving Part***

The university is constantly working to ensure the collection, analysis and dissemination of basic information based on the use of modern information and communication technologies and software for the effective management of training programs and other activities.

In accordance with the regulations on subdivisions, process maps, the collection of information and its frequency in all the main areas of the department's activities are regulated.

The university has an official website, which makes it possible to fully cover all aspects related to both the activities of the university and educational processes, allowing you to connect students, teachers and university administration.

Integration with social networks, the availability of electronic documents for review and download, feedback - all this makes it possible to maintain, improve and effectively use information levers to achieve the goal and improve the activities of the university.

The site reflects the entire educational, scientific, student life. Applicants, students and teachers can ask questions, learn about upcoming events, post information about ongoing conferences, events, publish their methodological developments, etc.

To implement the activities of EP 6B07501, 7M07501, 8D07501 -Standardization and Certification (by industry), the following systems operate: class schedule <https://www.kaznaru.edu.kz/page/schedule/>, scientific Library [http://library.kaznau.kz/new/?page\\_id=20&lang=ru](http://library.kaznau.kz/new/?page_id=20&lang=ru), electronic hostel <https://www.kaznaru.edu.kz/page/campus/>, anti-plagiarism KazNARU <http://plagiat.kaznrau.kz>, event management system Event-manager <https://www.kaznaru.edu.kz/page/manager/>, "ITservice" system <https://www.kaznaru.edu.kz/page/IT/?lang=ru>, access control and accounting system (ACS) <http://skud.kaznaru.edu.kz/>, the site of the Agrarian Research and Production Consortium <https://agrodamu.kz/>, the program for the Exchangeserver email server, the ArtaSynergy electronic document management system, the Kazakh automated library and information system KABIS, a system that automates the process of administering the educational process at the university in accordance with the credit technology of education Platonus AIS, a comprehensive network security solution to protect employees from threats from the Internet TMG Forefront, Multifunctional distance learning system in English Edusoft.

AIS "Platonus" allows you to provide a set of tasks in the following areas: improving the quality of the provision of educational services based on improving the information and technical support for the activities of the university, staff and students; raising the awareness of educators on the issues of conducting the educational process; increasing the transparency of stakeholders

(parents, MES RK).

Tasks solved by the AIS system: collection, storage, processing of information about the educational process (working curricula, academic calendars); automation of processes related to the movement of the contingent (enrollment / expulsion, transfers from course to course, academic leave, etc.); monitoring the activities of the staff and the contingent of students (progress, percentage of quality, attendance, etc.) in real time, support for the educational process.

Students, teaching staff, and employers are involved in the process of collecting and analyzing information, as well as making decisions based on them. The main way to collect information is the results of external communication and interviews, questionnaires for all of the above stakeholders.

The University successfully operates a unified information system based on the corporate network. The unified information network of the university includes the following: a local network that unites all buildings, using fiber optic, UTP cables and switching equipment; wireless WiFi network; information databases and automated systems.

There is free Wi-Fi throughout the university. The WI-FI free zone coverage of the university territory is 75%. The login, password from the educational portal is suitable for using to access the wireless network. In the main building, the library, the military department, as well as in the buildings and dormitories, Wi-Fi access points are installed so that the teaching staff and university students can freely use the global Internet network and access to all information portals.

Students at the time of admission to the university, as well as all teaching staff and employees of the university, give their consent to the processing of personal data at the institutional level, which is confirmed in the relevant documents.

In order to improve the quality of the organization of the educational process, internal monitoring of the satisfaction of teachers with the quality of the work of the university is carried out. As part of the consumer monitoring system, student surveys are systematically conducted on a planned basis: annual surveys of graduates, thematic surveys of students, targeted surveys, student assessment of teaching activities of teaching staff. The main tool for determining the satisfaction of students with the quality of educational services in KazNARU are surveys and questionnaires, feedback, as well as through the rector's block.

Each learner has the right to guaranteed support in case of a problem or questions, and the information received from the learner serves as a source of knowledge and understanding of the needs and problems of learners, and is used to find and implement effective solutions to problems.

The faculty has a trust box. When considering a complaint, equal rights and impartiality are ensured to the participants involved in the complaint, and the decision is made after a thorough study / investigation of the complaint within the established time frame. In most cases, all conflicts are resolved at the level of the head of the department or the dean of the faculty. And also the student can write a written application and be considered at the level of vice-rector. A student complaint can be filed through the "trust box", the rector's blog, the office, or directly at the reception for personal issues. A number of complaints, such as appeals for interim control and appeals for current (rating) control, are regulated by the PRO KazNARU Knowledge Assessment. A complaint from students to the management of the university can be filed through the chairman of the student self-government council,

An annual job fair is held where employers meet with graduates, present their enterprises and conduct initial express interviews with applicants.

The use of information technology in the educational process at the university allows not only to modernize it, increase efficiency, motivate students, but also differentiate the process, taking into account the individual characteristics of each student.

The department actively reflects the processes for the implementation of the accredited EP Standardization and Certification (by industry), places on the page of the department information about its activities within the framework of the University development strategy.

KazNARU discussed the use of ICT in the educational process, during which a number of decisions were made to improve the efficiency and adequacy of the use of ICT: organized work on the acquisition and installation of multimedia stands, interactive panels, projectors with screens in



lecture halls, to ensure access control and security, work was completed to modernize and expand the video surveillance system and install IP video cameras at the entrance group, in all buildings and dormitories of the university, intensify work on integrating the information resources of the scientific library into the global information space, strengthen its MTB, purchase databases: CABI, Scopus, EBSCO, Lan, the phased creation of massive open online courses (MOOCs), educational portal and e-university through the introduction of smart technology.

The results of the collection, analysis of information are considered at the meetings of the department, and these materials serve to further ensure the quality of information management in the process of implementing the EP.

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

The contents of the EP correspond to the modern requirements of science and consumers. The combination in the EP of theoretical and practical training, independent work, as well as the presence of compulsory and elective disciplines, including components for preparing for professional activities, the development of intellectual skills, creative abilities and the personality of the student meet the established requirements. The university sufficiently ensures the functioning of the system for collecting, analyzing and managing information based on information and communication technologies and training software for the successful functioning and implementation of EP 6B07501, 7M07501, 8D07501 -Standardization and Certification (by industry)

#### ***Strengths/best practices***

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#### ***Recommendations of the EEC***

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**EEC conclusions by criteria: 15 satisfactory**

### **6.3. Standard "Development and approval of the Educational Programme"**

The university must define and document the procedures for the development of EPs and their approval at the institutional level.

The management of the EP should ensure that the developed EP complies with the established goals, including the intended learning outcomes.

The management of the EP should ensure the availability of developed models of the EP graduate that describe the learning outcomes and personal qualities.

The management of the EP must demonstrate the conduct of external reviews of the EP.

The qualification obtained upon completion of the EP must be clearly defined, explained and correspond to a certain level of NQF.

The management of the EP should determine the influence of disciplines and professional practices on the formation of learning outcomes.

An important factor is the possibility of preparing students for professional certification.

The management of the EP must provide evidence of the participation of students, teaching staff and other stakeholders in the development of the EP, ensuring their quality.

The labor intensity of the EP should be clearly defined in Kazakhstani credits and ECTS.

The management of the EP should ensure the content of academic disciplines and learning outcomes for the level of education (bachelor's, master's, doctoral studies).

The structure of the EP should provide for various types of activities corresponding to the learning outcomes.

An important factor is the presence of joint EPs with foreign educational organizations

#### ***The proving Part***

Educational activities at the university are carried out in accordance with the Rules for the organization of the educational process on credit technology of education.

Development and approval of working documents for the educational program EP 6B07501, 7M07501, 8D07501 -Standardization and Certification (by industry) is carried out in accordance with the requirements listed in the "Regulatory documents" section, namely: - EP 6B07501, 7M07501, 8D07501 -Standardization and Certification (by industry); - working curricula, a catalog of elective disciplines, schedules of training sessions, individual plans of students, internal regulations, etc.; - methods of teaching and organizing independent work of the student (bachelor's,

master's, doctoral studies); - questioning of students, teaching staff and stakeholders of the EP; - results of visits to lectures and seminars by experts; - assessment of students' knowledge.

Curriculum and Program Committees have been established at the university to form work plans.

The EP provides comprehensive information about all modules, including syllabuses, learning outcomes, teaching methods. The EP ensures that the cumulative results of the modules reflect the learning outcomes of the program, taking into account the choice of modules by students. The degree and the name of the program correspond to the content of the educational program and the goals of the program.

The CED annually updates the list and content of elective disciplines, taking into account the modern requirements of the labor market and production, and reflects the prerequisites and post requisites of each academic discipline.

Students select disciplines and register them in accordance with the Rules for organizing the educational process of credit technology of education.

Within one semester, the student must master the credits, and within one academic year, including 100% of the disciplines.

Planning an individual curriculum is carried out until September 10 for 1st year students. In order to intensively adapt first-year students to the new system of education, the registrar's office, together with the dean's offices and curators, conducts appropriate organizational, methodological and consulting work from August 25 to September 10.

The educational program (trajectory) is developed in accordance with the National Qualification System, consistent with the Dublin descriptors and the European Qualifications Framework.

Considerable attention at the university is paid to the issues of planning the educational process, which include planning the teaching load of teaching staff, departments, the formation of a staffing table, the distribution of the teaching load among teachers, and scheduling. Lectures are assigned only to professors, associate professors and senior lecturers.

Based on the theoretical and practical knowledge gained, EP graduates form professional competencies.

As a result of mastering the basic and core modules of the educational program, the student develops the knowledge, skills and abilities necessary to carry out all types of professional activities, develops learning skills in order to carry out further education with a high degree of independence, that is, professional, communication and key competencies are formed, meeting the requirements of employers.

All modules of the educational program are arranged in a logical sequence and are determined by the curriculum, which involves the preliminary study of a number of modules necessary for the effective development of the following disciplines or courses.

The organization of practice at all stages is aimed at ensuring continuity and consistency in mastering professional skills by students in accordance with the requirements for the level of training of a future specialist.

The educational and methodological complex of disciplines (EMCD) provides the logic and continuity of training, both within one stage of higher professional education, and between its various stages.

The university constantly monitors activities student and controls the success of achieving program goals.

Based on the results of the examination session, the dean's office prepares a report on the intermediate attestation of students in the field of study, which is discussed at a meeting of the Academic Council of the faculty. Final attestation is carried out in all areas of training in accordance with approved regulations and includes the following tests: final interdisciplinary examination, defense of the final qualification work.

The success of mastering the educational program depends on the correct organization of the classroom and independent work of the student.

On the part of the management, systematic monitoring and analysis of the state of the education system at the university is carried out, informed decisions are made, primarily related to monitoring activities to implement the mission and development strategy of the university and aimed at improving the quality of the educational process and learning outcomes.

The university has developed forms of documentation - rating sheets, examination, final and summary sheets. Preparation of students for the examination session, development of control materials, examination questions and test tasks becomes the subject of discussion at meetings of departments, educational and methodological commissions of faculties, dean's hours.

The organization of the system for monitoring the educational achievements of students is carried out by the Registrar's office, which reports to the deputy head of the educational organization for academic work.

The organization of the practice is regulated by KazNARU PP-220 "Regulations on the organization of professional practice for students." Students' professional practices are organized and conducted within the time limits set by academic calendars for the academic year in accordance with the requirements of the State Educational Standard.

The department has created a base for internships are Bayserke-Agro LLP, Orda Cert LLP, KazNIIPP LLP, National Center for Expertise and Certification LLP and other practice bases from among the most significant enterprises, institutions and organizations of the relevant industry, where students have been practicing for many years.

Training in EP 6B07501, 7M07501, 8D07501 -Standardization and Certification (by industry) ends with the completion of a final qualifying work containing elements of research or development activities.

Analysis of the specifics of the EP allows us to draw the following conclusions: the organization of the educational process is carried out according to credit technology in accordance with regulatory requirements; the material and technical base and information, library support are at a fairly high level. Innovative educational technologies have been introduced into the educational process. Teaching and methodological materials, electronic lecture courses and textbooks, test questions are presented in the library, students are provided with free access to them; organization and management of the educational process are carried out using an automated control system. The program includes functions that provide electronic registration for the disciplines of the curriculum, the formation of an individual curriculum, accounting for the educational achievements of students, conducting computer testing;

Individuality and uniqueness of EP 6B07501, 7M07501, 8D07501 -Standardization and Certification (by industry), in expanding the integration of science and production at the international level, creating conditions for the commercialization of intellectual property products and technologies, increasing the competitiveness of personnel and conducting fundamental and applied scientific research for more a high quality level, acquiring the skills of organizing and conducting scientific research in the field of standardization and conformity assessment, developing the ability for self-improvement and self-development, the need and skills for independent creative mastery of new knowledge throughout their active life.

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

The content of the EP at three levels follows a clear logic of the academic interrelation of disciplines, consistency and continuity.

-However, according to the results of the report, there is a relatively small contingent of students at all levels of education of the EP (bachelor's, master's, doctoral studies)

- Preparing students for professional certification will allow the university to meet the demand in the labor market, objectively and professionally evaluate the content of training, acquired knowledge (skills, abilities) of graduates of the EP "Standardization and Certification (by industry)", which will allow training competitive specialists.

- An important factor for positioning the university in the educational market, demonstrating the uniqueness of the EP, implementing the results of scientific research is the academic mobility of the teaching staff and students, the presence of joint EPs with foreign educational organizations.

### ***Strengths/best practices***

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### ***Recommendations of the EEC***

-Up to end of 2021-2022 school year years to develop a roadmap for career guidance to increase the contingent of EP students at all levels of training.

- from 2021-2022 academic year responsible for the EP, for the academic mobility of students to develop a plan for further to harmonize the curricula of the specialty with similar EPs and conclude agreements with domestic universities, the "International Department" conclude agreements with foreign universities in order to implement double-degree and / or joint education and academic mobility of teaching staff.

- by the end of 2022, the leaders of the EP, in particular EP 6B07501, 7M07501, 8D07501 - Standardization and Certification (by industry) develop a long-term documented procedure for organizing and conducting internal, independent professional certification of EP graduates.

**EEC conclusions by criteria: 12 satisfactory**

### **6.4. Standard "On-Going Monitoring and Periodic Review of Educational Programme"**

The university should monitor and periodically evaluate the EP in order to ensure the achievement of the goal and meet the needs of students and society. The results of these processes are aimed at continuous improvement of the EP.

Monitoring and periodic evaluation of the EP should consider:

-The content of the programs in the light of the latest achievements of science in a particular discipline to ensure the relevance of the discipline taught;

-Changes in the needs of society and the professional environment;

-The workload, academic performance and graduation of students;

-The effectiveness of student assessment procedures;

-Expectations, needs and satisfaction of students;

-The educational environment and support services and their compliance with the objectives of the EP.

The university and the management of the EP must provide evidence of the participation of students, employers and other stakeholders in the revision of the EP.

All stakeholders must be informed of any planned or undertaken actions in relation to the EP. All changes made to the EP must be published.

The management of the EP should ensure the revision of the content and structure of the EP, taking into account changes in the labor market, the requirements of employers and the social demand of society.

### ***The proving Part***

Continuous monitoring and periodic evaluation of EPs is carried out in order to ensure that they achieve their purpose and meet the needs of learners and society. The monitoring results should lead to continuous improvement of the EP. The results of monitoring are considered at the meetings of the department, EMC and CS of the faculty, and are summarized for consideration at the CS of the university. The University works in close cooperation with all stakeholders: the CS, EMS, Faculty Councils include both employers and students. The task of the university is to obtain from each of them clearly formulated requirements for the education system, transforming them into specific goals and objectives of the educational activities of the university.

To ensure the achievement and adjustment of the goals of the EP, the content of the goals is reviewed at least once every 5 years, taking into account the development of science, technology, culture, economics, technology, the social sphere and is carried out according to the results of external and internal monitoring of the results and conditions for the implementation of the EP, including including during the quality management audit process.

For monitoring and examination of educational activities under the program, internal audits are carried out twice during the academic year, twice a year, an analysis of the implementation of quality goals, an analysis of student performance, an analysis of the performance of the teaching load by program teachers is carried out.

EPs undergo a mandatory procedure for internal quality assessment and examination. Professors and associate professors in the relevant specialty or training with extensive teaching



experience, highly qualified methodologists, as well as practicing teachers are involved in the examination. The mechanism for conducting internal evaluation and examination includes the following stages: discussion of the EP at a meeting of the department, the Faculty Council, consideration in the Department for educational and methodological work, IPO, EMC, evaluation of programs for the CA and approval.

In case of inconsistencies or comments, the EPs are returned to the instance back to eliminate or make changes. The mechanism for internal evaluation of the quality of the EP is reflected in the regulations on the department, on the EMS and on the US

EPs are updated annually by 30%, taking into account the interests of the labor market. The change in compulsory disciplines occurs in connection with the introduction of the State Educational Standard of the Republic of Kazakhstan, regulatory documents of the Ministry of Education and Science of the Republic of Kazakhstan, information letters. In order to study the interests of employers in the development of the EP, meetings, round tables with employers, an alumni fair with the participation of stakeholders and individuals are regularly held during the academic year.

The quality of the programs of the proposed elective disciplines is ensured by a systematic examination conducted by employers with their further recommendation for implementation in the educational process.

Monitoring of progress and academic achievements of students is carried out through an electronic journal (assessments for milestone, final control, practices, research, state exams).

In order to improve the quality of the organization of the educational process, internal monitoring of student satisfaction with the quality of the university's work is carried out. As part of monitoring, on a planned basis, a survey of different groups of students is systematically carried out: annual survey of students, graduates, thematic surveys, targeted surveys, student assessment of teaching activities of teaching staff.

The competence of teachers is systematically assessed according to the rating system for evaluating activities, introduced since 2014, which makes it possible to improve the activities of the university based on analytical data from the performance indicators of the team; to form unified comprehensive criteria for evaluating, monitoring the effectiveness of the teaching staff in all areas and creating an internal audit system for the activities of the teaching staff of the department.

In order to take into account the interests of employers in the development of EP in the formation of QED, potential employers, heads of practice bases take an active part.

The final attestation of students is carried out within the time limits stipulated by the academic calendar. Topics and the supervisor of theses are chosen by students at the beginning of the graduation course and approved by the order of the rector.

At the end of the academic year, at a meeting of the department with the participation of all interested parties (teaching staff, employers), a self-assessment of the EP is carried out, taking into account the changes made, the results achieved, the effectiveness and efficiency of the EP implementation are discussed.

Students can be informed through the Platonus AIS system, where students can track the necessary changes. The interests of employers are taken into account at the level of determining the goals of training specialists. Employers annually formulate their needs for specialists and requirements for their training.

External evaluation of the quality of the study program is carried out through the final attestation of students, institutional accreditation of the university, as well as participation in the national rankings of the study program.

The analysis of continuous monitoring and periodic evaluation of the EP testifies to the systematic work carried out by the management of the EP in this direction in accordance with the requirements of international standards.

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

Stakeholders (employers, students, the public) are systematically informed about the intentions to change and about the changes made to the educational programs. Trends in changing



educational programs and related necessary actions to change teaching methods are discussed at department meetings, faculty methodological councils, methodological conferences and seminars. At the department, for the EP 6B07501, 7M07501, 8D07501 -Standardization and Certification (by industry) there is a cooperation agreement with organizations identified as practice bases. As a survey of employers showed, enterprises and organizations in the industry have a potential demand for EP graduates

***Strengths/best practices***

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***Recommendations of the EEC***

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**EEC conclusions by criteria: 10 satisfactory**

**6.5. Standard "Student-Centered Learning, Teaching and Performance Evaluation"**

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

The management of the EP should ensure the use of various forms and methods of teaching and learning.

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

The EP management must demonstrate the existence of a feedback system on the use of various teaching methods and the assessment of learning outcomes.

The management of the EP must demonstrate support for the autonomy of learners, while being guided and assisted by the teacher.

The management of the EP must demonstrate the existence of a procedure for responding to complaints from students.

The university must ensure the consistency, transparency and objectivity of the mechanism for assessing learning outcomes for each EP, including appeal.

The university must ensure that the procedures for assessing the learning outcomes of students of the EP correspond to the planned learning outcomes and program goals. Criteria and evaluation methods within the EP should be published in advance.

The university should determine the mechanisms for ensuring the development of learning outcomes by each EP graduate and ensure the completeness of their formation.

Assessors should be proficient in modern methods of evaluating learning outcomes and regularly improve their skills in this area.

***The proving Part***

The transformation of the learning process is aimed at changing the concept of quality assurance: from providing the same conditions for everyone to the achievement by all students of the envisaged learning outcomes. Established structural divisions providing individual assistance and consultations: the office of registration and documentation of students, deans, curators.

In order to socialize the individual, student self-government has been introduced at the university.

The rector's office provides maximum support to the activities of the student council. Student self-government bodies are the Student Self-Government Council, public organizations, clubs, student trade union committee.

Information about the activities of these organizations and contact information is posted on the official website of the university in the "Student Life" section, they have their own groups in social networks, which contributes to the virtual communication of students. Students have the opportunity to actively participate in the public life of the university through various student organizations and associations, such as: Youth labor camp "Zhasyl El", debate club "Ziyalykazak".

When implementing the EP, the individual characteristics, needs and cultural experience of students are taken into account when: choosing elective courses, when choosing bases of practice, determining topics for graduation / master's / doctoral works, choosing a supervisor, involving students in research work.

To ensure the transparency of teaching and assessment, a methodological recommendation has been developed for the criteria-based assessment of student learning outcomes, which provides

assessment criteria for the forms of control.

An individual educational trajectory is reflected in educational programs and individual curricula, where, along with general educational, basic disciplines of the compulsory component, there are elective courses and practices that are aimed at ensuring professional competencies. Elective courses are chosen by students on their own and are recorded in the Platonus AIS.

The procedure and procedure for enrolling in academic disciplines is organized by the CADE with the methodological, advisory assistance of the curator and is regulated by the Academic Policy of KazNARU.

Educational trajectory planning (enrollment in disciplines) is carried out in academic calendar. The choice of elective disciplines by students is carried out before the beginning of the academic year.

The final formation of the individual educational trajectory of the student takes place under the guidance of an advisor, who are appointed by order of the rector.

The university maintains a blog of the rector, where each student can write his wish, ask questions of interest, and there is also a time for receiving students. The head of the department and the dean of the faculty take part in considering complaints from students and in finding a solution to the issue, daily (as they become available).

The successful functioning of a higher educational institution is largely determined by the qualitative composition of students. For this purpose, a comparative sociological survey of students and graduates is conducted on the quality of teaching disciplines, an anonymous survey is conducted in the AIS Platonus.

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

According to EP 6B07501, 7M07501, 8D07501 -Standardization and Certification (by industry), there are two learning paths: "Standardization and quality management" and "Standardization and accreditation". According to EP 6B07501, 7M07501, 8D07501 -Standardization and Certification (by industry), two learning paths: "Quality control and food safety" and "International quality system". For the development and functioning of the system of individual assistance at the university, a student-centered approach to learning is used. Counseling of students takes place at all stages of their education. Created structural units that provide individual assistance and advice to students: the office of registration and documentation of students, deans, curators. Students are actively involved in all processes of educational, scientific and innovative activities. purposes In student-centered education, students are actively involved in issues of university management, they are involved in solving a significant number of issues of study, life and recreation, providing an optimal system for shaping the personality of a future specialist. The leading role in these processes belongs to the student government. In order to socialize the individual, student self-government has been introduced at the university. Students are provided with a flexible learning path.

#### ***Strengths/best practices***

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#### ***Recommendations of the EEC***

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**EEC conclusions by criteria: 10 satisfactory**

### **6.6. Standard "Students"**

The university must demonstrate the policy of forming a contingent of students in the context of the EP from admission to graduation and ensure the transparency of its procedures. The procedures governing the life cycle of students (from admission to completion) must be defined, approved, published.

The management of the EP must demonstrate the conduct of special adaptation and support programs for newly enrolled and foreign students.

The university must demonstrate the compliance of its actions with the Lisbon Recognition Convention.

The university should cooperate with other educational organizations and national centers of the "European Network of National Information Centers for Academic Recognition and Mobility / National Academic Recognition Information Centers" ENIC / NARIC in order to ensure comparable recognition of qualifications.

The management of the EP must demonstrate the existence and application of a mechanism for recognizing the results of academic mobility of students, as well as the results of additional, formal and non-formal education.

The university should provide an opportunity for external and internal mobility of students of the EP, as well as assist them in obtaining external grants for training.

The management of the EP should make every effort to provide students with internship places, promote the employment of graduates, and maintain contact with them.

The university must provide EP graduates with documents confirming the qualifications received, including the achieved learning outcomes, as well as the context, content and status of the education received and evidence of its completion.

An important factor is the monitoring of employment and professional activities of EP graduates.

The management of the EP should actively encourage students to self-education and development outside the main program (extracurricular activities).

An important factor is the existence of an active alumni association/association.

An important factor is the existence of a mechanism to support gifted students.

### ***The proving Part***

The policy of forming a contingent of students according to EP 6B07501, 7M07501, 8D07501 -Standardization and Certification (by industry), the formation, accounting, movement and release of a contingent of students in KazNARU is carried out in accordance with the Model Rules for the activities of organizations of higher and postgraduate education. Accounting and movement of the contingent of students is carried out according to the forms, languages and conditions of study on the basis of the established form of statistical reporting 3-NK. The Admissions Committee of the University coordinates the activities for accepting documents. The Chairman of the Admission Committee is the Rector of the University. Admission of citizens to the University is carried out on the basis of the results of a unified national testing (UNT) or complex testing (CT), conducted according to the rules and procedures developed by the National Testing Center of the Ministry of Education and Science of the Republic of Kazakhstan.

The admission committee of the university carries out work on organizing and conducting the admission of students for the 1st year in accordance with the Model Rules for Admission to Education in Educational Organizations Implementing Professional Educational Programs of Higher Education, is also guided by the NAP, reference materials, instructional letters of the Department of Higher and Postgraduate Education, NTC for admission to higher education institutions.

Admission to the EP is carried out by the admissions committee based on the results of selection tests (certificates of holders of educational grants, UNT, written exam, etc.). Conditional admission on a paid basis is carried out by the selection committee during the year based on the results of the qualifying rounds in accordance with the requirements. After the submission of a complete package of documents for applicants to the university, the admission committee, by order of the rector, conducts the enrollment procedure from July 10 to August 25 of the calendar year.

The formation of the student body at the University is carried out by placing a state educational order (educational grants), as well as paying for education at the expense of citizens' own funds and other sources.

The results of students' assessments are brought to their attention and discussed at meetings of the Academic Council of the faculty and departments.

KazNARU has established academic support services for students: the department for academic policy, the educational and methodological department, the institute of postgraduate education, the office for registration and documents of students; deans, practice and employment department, knowledge control center

The department has a system of regular individual and group consultations in all disciplines. Schedules of consultations are approved at the meeting of the department at the beginning (semester) and are posted on the stands of the departments and on the website.

Based on the results of the examination session, the dean's office prepares a report on the intermediate attestation in the direction of preparation, which is discussed at a meeting of the Academic Council of the faculty. Final attestation is carried out in all areas of training in accordance with approved regulations and includes the following tests: final interdisciplinary

examination, defense of the final qualification work.

Students are actively involved in all processes of educational, scientific and innovative activities. Students have access to all learning resources, material (library, laboratories, classrooms, teaching aids, sports facilities, canteens and buffets, etc.) and human.

At the university, student self-government is an integral part of the entire university management system and implements the most important functions of organizing student life. The rector's office provides maximum support to the activities of the student council. Student self-government bodies are the Student Self-Government Council, public organizations, clubs, student trade union committee.

Gifted students, undergraduates who take an active part in the public and scientific life of the university, have a priority right in the award of nominal scholarships, benefits, awards. Measures to support gifted students are to provide successful students with discounts on tuition fees at the university in the amount of 20 to 50%; rewarding students for a high level of cultural and educational events; financing the expenses of students participating in international and republican scientific and practical conferences, creative competitions, reviews, etc., providing vouchers to a boarding house on the coast of Issyk-Kul, rewarding students who took part in the development of the best scientific project; holding competitions "The best student of the year", "KaznauStars", "The best student start-up project".

For high achievements in educational, research, creative, sports, social activities, students can be presented to the following forms of encouragement: declaration of gratitude; awarding certificates, diplomas, valuable gifts; appointment of nominal and increased scholarships; bonuses.

In the department "Technology and food safety" there is a circle "Quality and safety", under the guidance of the professor of the department Duysenbekovy O.O.

The most common form of student participation in R&D is student scientific circles (SSC), which are created on a thematic basis. At the university, the work of the Council of People's Commissars is regulated by the document QMS PD 10/1-1.01-2011 "Regulations on student scientific circles." In SNK, students acquire skills in working with scientific instruments, participate in experiments, perform analysis and processing of research results.

The results of scientific research are an important indicator of participation in the implementation of scientific conferences, contractual and search-initiative research, republican and international scientific competitions, and exhibitions, interuniversity olympiads, start-up projects.

The work of the practice and employment sector is to organize and control the professional practice of students. The knowledge control center is responsible for calculating the student performance rating.

The implementation of monitoring at the level of the student is carried out in order to identify the degree of satisfaction of students with the quality of the educational services provided. This is achieved through a survey. Monitoring at the level of the department is carried out by holding open classes, control visits by internal auditors or members of the methodological commission of the faculty. The results are discussed at the meetings of the departments and recorded in the journal of mutual visits. At the faculty level, monitoring is carried out in order to identify the level of educational and methodological work at the department, assess the quality of curricula, educational and methodological literature, and organize certification procedures.

Evaluation of the effectiveness of the academic support services for students is carried out by the Alumni Association of KazNARU, established in 2009, assists in the training of specialists of a new formation and the establishment of mutually beneficial relations between the university and its graduates is regularly, through questioning and oral questioning of students.

Every year the department holds a job fair, with the invitation of potential employers and all interested parties, which allows the graduate to form a first idea of the labor market, opportunities and prospects of the chosen profession, learn more about related fields, potential employer companies.

Feedback from employers on graduates of the OP is positive, there is the possibility of continuing education remotely.



***Analytical part***

The Alumni Association of KazNARU assists in the training of specialists of a new formation and the establishment of mutually beneficial relations between the university and its graduates. According to EP 6B07501, 7M07501, 8D07501 -Standardization and Certification (by industry), the number of concluded agreements with employers is constantly updated to provide the bases of industrial practice with the possibility of their subsequent employment. Every year, KazNARU holds a job fair "Zhasorken", which allows the graduate to form the first idea about the labor market, opportunities and prospects of the chosen profession, learn more about related fields, potential employers. Feedback from employers on graduates of the EP is positive. Full information support of the educational process is provided (access to educational, scientific,

However, as the report provided shows, there is a tendency to reduce the enrollment of students for the accredited EP 6B07501, 7M07501, 8D07501 -Standardization and Certification (by industry) (the total number of students for the 2021-2022 academic year is: bachelor's degree - 48, master's - 3, doctoral studies - 9)

***Strengths/best practices***

-The presence of a mechanism to support gifted students (stimulation of extracurricular activities of students, financial incentives, etc.)

***Recommendations of the EEC***

-

**EEC conclusions by criteria: 1 strong / 11 satisfactory**

**6.7. Standard "Teaching Staff"**

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

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

The management of the EP must demonstrate awareness of responsibility for its employees and provide them with favorable working conditions.

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

The university must determine the contribution of the teaching staff of the EP to the implementation of the development strategy of the university, and other strategic documents.

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

The management of the EP should involve practitioners from relevant industries in teaching.

The management of the EP should provide targeted actions for the development of young teachers.

The university must demonstrate the motivation for the professional and personal development of EP teachers, including the promotion of both the integration of scientific activity and education, and the use of innovative teaching methods.

An important factor is the active use of information and communication technologies by the teaching staff of the EP in the educational process (for example, on-line training, e-portfolio, MEP, etc.).

An important factor is the development of academic mobility within the EP, attracting the best foreign and domestic teachers.

An important factor is the involvement of the teaching staff of the EP in the life of society (the role of the teaching staff in the education system, in the development of science, the region, the creation of a cultural environment, participation in exhibitions, creative competitions, charity programs, etc.).

***The proving Part***

The main resource for the implementation of the educational process in KazNARU are highly qualified teachers with academic degrees and titles, and when selecting the teaching staff, it adheres to the established qualification requirements for the conformity of the basic education of the accepted employee in the subject and specialty taught. Indicators for the qualitative and quantitative composition of the teaching staff confirm the availability of human resources necessary for the implementation of the entire spectrum of EP and corresponding to the qualification requirements for licensing educational activities. Recruitment is carried out on the basis of an analysis of the needs of



the EP. The assessment of the competence of the teaching staff to establish the position held is carried out by passing the competitive replacement of the positions of the teaching staff and certification, according to the requirements of the competition commission, developed by the university Regulations on the competitive replacement of positions of the teaching staff and the Ministry of Education and Science of the Republic of Kazakhstan - "Regulations on the certification of teaching staff", developed on the basis of the requirements of regulatory and legislative acts of the Republic of Kazakhstan. When hiring, priority is given to young PhDs who have studied at leading national and world universities.

The current doctoral studies allow you to dynamically replenish the teaching staff of the department with young personnel, so in recent years 5 doctoral students have defended themselves at the department.

The management of the EP provides monitoring of the activities of the teaching staff, a systematic assessment of the competence of teachers, a comprehensive assessment of the quality of conducting classes, including an assessment of the satisfaction of teachers and students. The teaching staff is systematically surveyed on the issue of conditions and organization of work of teachers and various aspects of teaching work at the university and other issues.

KazNARU systematically assesses the competence of teachers according to the rating system for evaluating the activities of teaching staff (P KazNARU RSO-238, approved and put into effect by the decision of the Academic Council of NAO KazNARU dated September 21, 2018), introduced since 2014, which makes it possible to improve the activities of the university by the basis of analytical data of indicators of the effectiveness of the work of the team; to form unified comprehensive criteria for evaluating, monitoring the effectiveness of the teaching staff in all areas and creating an internal audit system for the activities of the teaching staff of the department.

The teacher's workload includes: academic work, educational and methodological work, research and innovation work, international scientific and educational activities and social and educational work, provided for by the individual work plan of the teaching staff. The total volume of full-time teaching staff is calculated on the basis of a six-day working week (working time is 40 hours a week, including Monday-Friday for 7 hours and Saturday for 5 hours). The teacher's workload includes: academic work, educational and methodological work, research and innovation work, international scientific and educational activities and social and educational work, provided for by the individual work plan of the teaching staff.

Every year, the teaching staff of the department draw up an individual plan for the teacher for the current academic year, which is the main document that determines the scope and types of work performed by the teacher and ensures the completeness and adequacy of the individual work planning of the teaching staff, according to P KazNARU PUR-245 "Rules for planning educational work and teaching load PPP, where all types of activities are considered. IPRP is considered at a meeting of the department and approved by the dean of the faculty. If necessary, based on the decision of the department during the academic year, changes can be made to the IPRP. The actual completion of the training load is noted in the IPRP.

Lectures are planned for professors, associate professors, senior teachers. Seminars, practical and laboratory work can be conducted by teachers and assistants.

The advanced training of the teaching staff of the university is coordinated by the IPC in accordance with the Strategic Plan for the Development of the University until 2024 and is carried out during the entire career of the teacher, i.e. created modern system continuous education.

Innovative learning technologies have been introduced covering all types of educational work (lectures, laboratory-practical, seminars) using a multimedia learning system that is demonstrated and controlled using interactive devices, which allows solving problems at a fundamentally new information level.

On the website <https://www.kaznaru.edu.kz/> information about the teaching staff is available to the public, including data from the catalog, the teaching staff actively uses information and communication technologies in the educational process, such as the AUTOCAD program, ARCGIS, GIS technologies, uses electronic textbooks.

The teaching staff participates in various professional societies, public events held at the university, in the city and region.

The teaching staff of the department participates in the process of improving the educational program, experienced scientists, on the recommendation of employers, make adjustments to the curriculum.

The rating system for evaluating the activities of teaching staff, departments, faculties, functioning at the university, is based on the planning and implementation by teachers, departments and faculties of their performance indicators, which makes it possible for the university management to have a wide base of various data characterizing the functioning of the system. The rating system for evaluating the activities of teachers, departments and faculties allows the university management, heads of structural divisions to monitor the achievements of teaching staff, departments, faculties, to analyze and adjust actions for the next year. The rating indicators of teachers, departments, faculties for the current year are reviewed and discussed in accordance with the Strategic Development Plan of KazNARU until 2024,

The management of the teaching staff of the university is carried out through individual planning, job descriptions, guidance documents, including the "Rules for planning academic work and the teaching load of the teaching staff."

The teacher's individual work plan (IPWP) is compiled on the basis of a single form developed by the UMO. IPRP is compiled for one academic year, considered and approved at a meeting of the department. The system of control visits to classes by representatives of the department is actively practiced at the university.

The policy of maintaining professional standards and ethics is being implemented through regulatory documents and with the help of the public council "On Combating Corruption and Preventing Law Violations". Conducted sociological surveys of students through the questionnaire "Teacher through the eyes of students."

Analysis of the qualitative and quantitative composition of teaching staff for training according to 6B07501, 7M07501, 8D07501 - Standardization and certification (by industry) allows us to draw the following conclusions: teachers in the educational process widely use various active learning methods. Innovative teaching technologies have been introduced covering all types of educational work (lectures, laboratory and practical, seminars). The university has developed mechanisms and criteria for the systematic evaluation and stimulation of the effectiveness of the quality of teaching. The teaching staff of the department meets the qualification requirements, basic education corresponds to the level and specifics of the EP. There is a "rejuvenation" and degree of teaching staff due to the recruitment of scientific and pedagogical personnel of a new formation: masters of agriculture and PhDs.

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

Indicators for the qualitative and quantitative composition of the teaching staff confirm the availability of human resources necessary for the implementation of the entire range of EPs and corresponding to the qualification requirements for licensing educational activities. The selection of personnel is based on an analysis of the needs of the EP. The assessment of the competence of the teaching staff to establish the position held is carried out by passing the staff members through the competitive replacement of teaching staff positions and certification, in accordance with the requirements of the competitive commission developed by the university Regulations on the competitive filling of teaching staff positions and the Ministry of Education and Science of the Republic of Kazakhstan "Regulations on certification of teaching staff", developed on the basis of the requirements of regulatory and legislative acts of the Republic of Kazakhstan. When hiring, priority is given to young PhDs who have completed training at leading national and world universities.

#### ***Strengths/best practices***

- preparation PhDs in Standardization and Certification (by industry)
- The presence of young personnel (in the future, their training in PhD doctoral studies and their further involvement in scientific and pedagogical activities)

### ***Recommendations of the EEC***

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**EEC conclusions by criteria: 2 strong / 8 satisfactory**

### **6.8. Standard "Education Resources and Student Support Systems"**

The management of the EP must demonstrate the sufficiency of material and technical resources and infrastructure.

The management of the EP should demonstrate the existence of procedures for supporting various groups of students, including information and counseling.

The management of the EP must demonstrate the compliance of information resources with the specifics of the EP, including compliance with:

- technological support for students and teaching staff in accordance with educational programs (for example, online learning, modeling, databases, data analysis programs);
- library resources, including a 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 the results of research, final works, dissertations for plagiarism;
- access to educational Internet resources;
- functioning of WI-FI on the territory of the educational organization.

The university should strive to ensure that the educational equipment and software used for the development of educational programs are similar to those used in the respective industries.

The university must ensure compliance with safety requirements in the learning process.

The university should strive to take into account the needs of various groups of students in the context of the EP (adults, working, foreign students, as well as students with disabilities).

#### ***The proving Part***

The university has created a modern MTB, which provides for the needs of the scientific and educational process and the implementation of innovative developments. There is a developed network infrastructure, research and educational laboratories, an innovative greenhouse, stands. Every year, funds are allocated for the renewal of the book fund, the purchase of equipment and furniture, and computer technology.

The list of visual aids and technical teaching aids available according to EP 6B07501, 7M07501, 8D07501 -Standardization and Certification (by industry) corresponds to the educational goals and programs of the disciplines of the curriculum, in addition, there is a developed fleet of modern personal computers with Internet access, which are used for educational and scientific work of teachers and students. In the educational process, 2 educational and 7 educational, scientific laboratories are used, equipped with modern instruments, equipment and installations appropriate for the high-quality implementation of the educational program, acquired in 2021-2022. These laboratories have special equipment that contributes to the formation of the necessary research and practical skills: for example, "122 - Laboratory of measuring instruments and processes",

The department has 30 computers, and in the computer class for students there are 20 computers, with all the necessary software. Maintenance is carried out at the expense of the services of the university and manufacturing companies. There is a training center equipped with 10 computers, 2 rooms are equipped with an interactive whiteboard and video projectors. The total area of the premises together with the training ground is 1910 m<sup>2</sup>. The area of classrooms per student complies with the standards established by the State Standard of the Republic of Kazakhstan ST RK 1158-2002 - "Higher professional education. Material and technical base of educational organizations".

In the framework of SPIIR-2 at the Agrotechnological Hub, a base was created for practice-oriented training of students, which makes it possible to bring the educational process as close as possible to the conditions of the future professional activity of students to form their general and professional competencies.

2 laboratories were created: "Food Technology"; "Analysis of the physico-chemical properties of food products and the ecological quality of soil, water and raw materials."



For the creation of laboratories within the framework of the budget program of the Ministry of Education and Science of the Republic of Kazakhstan 035 "Capital expenditures of educational organizations" in 2015, 300.0 million tenge were allocated.

Laboratories "Technology of food products" and "Analysis of the physico-chemical properties of food products and the ecological quality of soil, water and raw materials" were created and designed for practical and laboratory classes

The Situation Center works as a process modeling tool for training specialists and teaching natural sciences and humanities and is used to acquire the skills and abilities to describe and assess situations, as well as to understand the structure and principles of functioning of the simulated system.

University information resources are fully available to students. Access to the Scientific Library is possible on weekdays from 9.00 to 18.00 <http://library.kaznaru.edu.kz/new/?lang=ru>. Internet access for everyone is unlimited.

Teaching staff use various active methods in the educational process: the method of problem presentation, presentations, discussions, case studies, group work, critical thinking, quizzes, business and role-playing games, the blitz survey method, brainstorming, etc.

The use of information technology in the educational process at the university allows not only to modernize it, increase efficiency, motivate students, but also differentiate the process, taking into account the individual characteristics of each student.

Most of the teaching staff have experience in production, about 100% of the teaching staff of the department are involved in the implementation of research projects. In the last three years, in order to integrate science, education and production, representatives from research institutes and enterprises have been employed as part-time workers. For the implementation of OP 6B07501, 7M07501, 8D07501 - Standardization and certification, experienced production workers, well-known scientists, public and honored figures in the field of metrology, standardization and certification, employees of research institutes who teach discipline related to production activities are involved.

Taking care of students in KazNARU means equipping classrooms and common areas, comfortable and safe conditions for study and recreation, and medical care. University students have free access to medical care, a library, power supplies and sports halls, sections.

The university has a sufficient sports base, there are 5 indoor gyms: the gym of the educational building No. 6 - 727.5 sq.m., the gym - 576.5 sq.m., the wrestling hall - 73.8 sq.m., boxing of educational building No. 5 - 289 sq.m., aerobics hall - 165.2 sq.m., equipped with appropriate sports equipment, total area - 1832 sq.m., typical outdoor stadium of educational building No. 6 - 8625 sq.m., outdoor sports grounds: mini-football field - 80 sq.m., asphalted sports ground - 1050 sq.m. The area of open sports complexes is 9755 sq.m.

Currently, the university has 10 dormitories with a total area of 47,953.7 sq.m. for 3766 beds. Medical care for employees and students is provided by a first-aid post in the buildings and the Medicare medical center.

To implement the activities of the educational program, the Anti-plagiarism KazNARU functions [https://www.kaznau.kz/page/events/?link=nuskaulyk\\_antiplagiat\\_zhuiesin\\_paidalanu\\_tu\\_raly\\_369&lang=ru](https://www.kaznau.kz/page/events/?link=nuskaulyk_antiplagiat_zhuiesin_paidalanu_tu_raly_369&lang=ru). In accordance with the principles of academic integrity, the written work of the user of the University must be checked for plagiarism. Written works include: abstracts, essays, as well as semester and term papers, theses (projects), master's and doctoral dissertations (projects), textbooks, teaching aids, monographs and methodological works of teaching staff. Based on the results of passing the test of written work in the Antiplagiarism system, the test is carried out by Strikeplagiarism.com - for graduates and PSS according to "Regulations on the use of checking written assessed works for the presence of borrowings" [https://www.kaznaru.edu.kz/file\\_archive/3b222dcf-4e9a-4b3f-867e-aab243f436d7.pdf](https://www.kaznaru.edu.kz/file_archive/3b222dcf-4e9a-4b3f-867e-aab243f436d7.pdf). Within the deadlines set for the submission of written work, the user submits a file with a written work to a software engineer for processing in the Antiplagiarism system to the email address [antiplagiat@kaznaru.edu.kz](mailto:antiplagiat@kaznaru.edu.kz). The user has three verification attempts. A work that has passed

the test with a positive result that meets the following criteria will receive a certificate (certificate)

In order to provide quality educational services, the university has a modern MTB and is constantly improving it in accordance with the mission, strategy and goals. There is a positive trend in equipping MTB, library and information resources. The further development of the material and technical base of educational laboratories and the expansion of the possibilities of using information retrieval systems are being carried out.

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

The university has created a modern material and technical base, which provides for the needs of the scientific and educational process and the implementation of innovative developments. There is a developed network infrastructure, research and educational laboratories, an innovative greenhouse, stands. Every year, funds are allocated for the renewal of the book fund, the purchase of equipment and furniture, and computer technology. To update the material and technical base of the EP "Standardization and Certification (by industry)" the university allocates funds from budgetary and extrabudgetary funds.

The department "Technology and food safety" to ensure the successful implementation of the EP "Standardization and certification (by industry)" updates, improves and expands its material and technical base, uses the latest instruments and equipment located not only at the graduating department, but also in others Research Centers of the University. Classrooms for lectures, classrooms for practical and laboratory classes are equipped with specialized educational furniture, multimedia and laboratory equipment that serve to present a variety of information to a large number of students.

#### ***Strengths/best practices***

- The material and technical base, educational resources, infrastructure of the university is fully consistent with the goals of the educational program "Standardization and certification (by industry)"
- The University creates conditions for conducting scientific research, integrating science and education, publishing the results of research work of teaching staff, staff and students
- Educational programs are adequately provided with educational equipment and software used in the educational, methodological, scientific process

#### ***Recommendations of the EEC***

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**EEC conclusions by criteria: 3 strong / 10 satisfactory**

### **6.9. Standard " Public Information"**

The information published by the university within the framework of the EP must be accurate, objective, up-to-date and must include:

- programs being implemented, indicating the expected learning outcomes;
- information on the possibility of awarding qualifications at the end of the EP;
- information about teaching, learning, assessment procedures;
- information about passing scores and learning opportunities provided to students;
- information about employment opportunities for graduates.

The management of the EP should use a variety of ways to disseminate information, including the media, information networks to inform the general public and interested parties.

Informing the public should include support and explanation of the national development programs of the country and the system of higher and postgraduate education.

The university must publish audited financial statements on its own web resource, including in the context of the EP.

The university must demonstrate the reflection on the web resource of information characterizing the university as a whole and in the context of educational programs.

An important factor is the availability of adequate and objective information about the teaching staff of the EP, in the context of personalities.

An important factor is informing the public about cooperation and interaction with partners within the EP, including scientific / consulting organizations, business partners, social partners and educational organizations.

The university must post information and links to external resources based on the results of external evaluation



procedures.

An important factor is the participation of the university and ongoing EPs in various external evaluation procedures.

### ***The proving Part***

The university informs the public about its activities, the conditions and features of the implementation of the EP. All data are sent for wide discussion to all structural divisions of the university: faculties, departments, meetings of curators with students. Communication is carried out in the following ways: placement of information on information stands, Internet portal; clarification when hiring newly hired employees, including teachers, at meetings of structural divisions (for the involvement and awareness of students); clarification at student meetings (for the involvement and awareness of the teaching staff).

Bringing the necessary information is carried out in the following ways: placement of information on information stands, Internet portal; clarification when hiring newly hired employees, including teachers, at meetings of structural divisions; clarification at student meetings.

Information reflecting the planning processes and the results of evaluating its effectiveness for students, employees and the public is located on the university website [www.kaznaru.edu.kz](http://www.kaznaru.edu.kz) is freely available.

To fulfill its public mission, KazNARU, publicly, on the website, provides and regularly publishes fresh, impartial and objective information (quantitative and qualitative) about the educational programs implemented at the university, as well as the results of the university's activities. Each student has a password and login to enter the official website of the university, in Platonus, where he can view all the teaching materials, test questions, syllabus, etc.

In exercising its public role, the University is responsible for providing information about the educational programs being implemented, the expected results of these programs, the qualifications it assigns, the training and assessment procedures used, and the educational opportunities available to students. Information about the teaching staff is posted on the KazNARU website at [http://tehnrast.kaznaru.kz/ru/Curriculum Vitae](http://tehnrast.kaznaru.kz/ru/Curriculum_Vitae) is from faculty and is available to the public, including applicants, parents, students, and employers.

Information about the EP is posted on the university website [www.kaznaru.edu.kz](http://www.kaznaru.edu.kz).

Since 1999, the University has been publishing the scientific journal "Izdenister, natizheler. Research results. The journal publishes scientific papers on topical issues of fundamental and applied research in the field of agricultural, veterinary, biological, technical, economic and pedagogical sciences. The journal is published 4 times a year, with a circulation of at least 500 copies. The publication has state registration.

Provides interactive interaction between the university and site visitors, teachers and students, staff and students. There is a prompt response of the university management to questions, complaints of students, teachers with the adoption of the necessary measures of influence, or correction of the disputable situation.

All information on the website of the university, in social networks, the media for the public and all interested parties meets the requirements for it. Information on the web resource of the department: Standardization and certification: Head of Department, about the department, description of specialties, educational program development plan, research work, scientific projects, scientific publications of the teaching staff, journals with impact factor, Practice base, PPP, educational programs, contact information, e-mail, Certificates of accreditation of EP, National development programs of the country are announced in the new strategy and mission of KazNARU, posted on the website in the section "Vision, mission, strategy of KazNARU". The information is presented in three language versions: Kazakh, Russian and English.

It is possible to make an appointment with the rector of the university and all interested persons. Vice-rectors and heads of departments are given the opportunity to come in with work questions without an appointment during the working hours. At the same time, everyone can apply personally through the rector's blog on the university website [https://www.kaznaru.edu.kz/page/blog\\_rector/?link=omirbaian\\_509&lang=ru](https://www.kaznaru.edu.kz/page/blog_rector/?link=omirbaian_509&lang=ru)

KazNARU in social networks or informing the public is also carried out through social networks

The analysis allows us to draw the following conclusions: the material and technical base meets the requirements of the SES. Educational area used in the process of teaching students, classrooms, laboratories, computer equipment and software, sanitary and fire safety standards, regulatory indicators. The university provides training and retraining of scientific and pedagogical staff to improve the level of computer literacy and the effective use of information and communication technologies.

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

The system of informing and feedback on students, employees and stakeholders effectively functions through the official website of KazNARU, corporate e-mail of the university staff, personal page of the rector of the university, in the dean's offices of each faculty there is a "Box of suggestions and feedback".

The website of the university provides complete information about the University, about the EP "Standardization and certification (by industry)", information about the teaching staff of the university, department, which confirms the availability of information about the teachers of the department, educational programs EP 6B07501, 7M07501, 8D07501 -Standardization and Certification (by industry), criteria for selecting students; expected results of mastering the educational program i.e. all information accompanying the educational, scientific, methodological, educational activities of the EP. Thus, interactive interaction between the university and site visitors, teachers and students, employees and students is ensured. Assessment of satisfaction with information about the activities of the university and the specifics of the implementation of the EP is carried out by questioning. All information on the website of the university, in social networks, the media for the public and all interested parties meets the requirements for it.

However, there are no audited financial statements on the University's own web resource in the context of the EP Standardization and Certification (by industry)

#### ***Strengths/best practices***

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#### ***Recommendations of the EEC***

- For awareness of stakeholders, parents and other interested parties about the distribution of finances in the context of EP, annually (at the end of the calendar year), financial statements must be published on its own web resource.

**EEC conclusions by criteria: 11 satisfactory / 1 suggest improvement**

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

#### **Standard Management of Educational Program**

- Publication activity of teaching staff journals with a high impact factor.  
 - Implementation and use of the results of scientific research in the educational process.  
 - In the content of the EP bachelor's - master's - doctoral studies, consistency and continuity are observed, aimed at meeting the needs of the state, employers, interested persons and students

#### **Standard Information Management and Reporting**

-

#### **Standard Development and approval of the Educational Programme**

-

#### **Standard On-Goig Monitoring and Periodic Review of Educational Programme**

-

#### **Standard Student-Centered Learning, Teaching and Performance Evaluation**

-

#### **Standard Students**

-The presence of a mechanism to support gifted students (stimulation of extracurricular activities of students, financial incentives, etc.)

### **Standard Teaching Staff**

- preparation PhDs in Standardization and Certification (by industry)
- The presence of young personnel (in the future, their training in PhD doctoral studies and their further involvement in scientific and pedagogical activities)

### **Standard Education Resources and Student Support Systems**

- The material and technical base, educational resources, infrastructure of the university is fully consistent with the goals of the educational program "Standardization and certification (by industry)"
- The University creates conditions for conducting scientific research, integrating science and education, publishing the results of research work of teaching staff, staff and students
- Educational programs are adequately provided with educational equipment and software used in the educational, methodological, scientific process

### **Standard Public Information**

-

## **(VIII) OVERVIEW OF RECOMMENDATIONS ON QUALITY IMPROVEMENT**

### **Standard Management of Educational Program**

By the end of 2022, develop a Plan for passing the teaching staff of foreign language courses.

### **Standard Information Management and Reporting**

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### **Standard Development and approval of the Educational Programme**

- Up to end of 2021-2022 school year years to develop a roadmap for career guidance to increase the contingent of EP students at all levels of training.
- from 2021-2022 academic year responsible for the EP, for the academic mobility of students to develop a plan for further to harmonize the curricula of the specialty with similar EPs and conclude agreements with domestic universities, the "International Department" conclude agreements with foreign universities in order to implement double-degree and / or joint education and academic mobility of teaching staff.
- by the end of 2022, the leaders of the EP, in particular "Standardization and Certification (by industry)", develop a long-term documented procedure for organizing and conducting internal, independent professional certification of EP graduates.

### **Standard On-Goig Monitoring and Periodic Review of Educational Programme**

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### **Standard Student-Centered Learning, Teaching and Performance Evaluation**

-

### **Standard Students**

-

### **Standard Teaching Staff**

-

### **Standard Education Resources and Student Support Systems**

-

**Standard Public Information**

- For awareness of stakeholders, parents and other interested parties about the distribution of finances in the context of EP, annually (at the end of the calendar year), financial statements must be published on its own web resource.

- Conclusions of the EEC according to the criteria: (strong / 11 satisfactory / 1 suggest improvement / unsatisfactory)

(IX) REVIEW OF RECOMMENDATIONS FOR THE DEVELOPMENT OF THE EDUCATIONAL ORGANIZATION

No

(X) RECOMMENDATION TO THE ACCREDITATION BOARD

The members of the EEC came to the unanimous opinion that EP 6B07207- Technology of food products, 7M07207 - Technology of food products (by industry), 6B07208- Technology of Processing Industries (by industry), 7M07208 - Technology of Processing Industries (by industry) recommends the as a loan for a period of 5 years

Appendix 1. Evaluation table "SPECIALIZED PROFILE PARAMETERS"

№ п\п	№ п\п	Evaluation Criteria	The position of the educational organization			
			Strong	Satisfactory	Suggests improvement	Unsatisfactory
Standard Management of Educational Program						
1	1	The university should demonstrate the development of the goal and strategy of EP development based on the analysis of external and internal factors with wide involvement of a variety of stakeholders		+		
2	2	The quality assurance policy should reflect the link between research, teaching and learning	+			
3	3	The university demonstrates the development of a quality assurance culture		+		
4	4	Commitment to quality assurance should apply to any activities performed by contractors and partners (outsourcing), including the implementation of joint / double degree education and academic mobility		+		
5	5	EP leadership ensures the transparency of the development	+			



		plan of EP based on the analysis of its functioning, the real positioning of the university and the orientation of its activities to meet the needs of the state, employers, stakeholders and learners				
6	6	Management of EP demonstrates the functioning of mechanisms for formation and regular revision of EP development plan and monitoring of its implementation, assessment of EP goals achievement, compliance with the needs of students, employers and society, making decisions aimed at continuous EP improvement		+		
7	7	Management of EP must involve representatives of stakeholder groups, including employers, students and teaching staff in the formation of the EP development plan		+		
8	8	Management of EP must demonstrate the individuality and uniqueness of the development plan of EP, its coordination with national development priorities and the development strategy of the educational organization		+		
9	9	The university must demonstrate a clear definition of those responsible for business processes within SP, distribution of staff duties, delineation of functions of collegial bodies		+		
10	10	The EP management ensures the coordination of activities of all persons involved in the development and management of EP and its continuous implementation, as well as the involvement of all stakeholders in this process		+		
11	11	The management of the EP must ensure the transparency of the management system, the functioning of the internal quality assurance system, including its design, management and monitoring, making appropriate decisions		+		
12	12	The management of EP should carry out risk management		+		
13	13	EP management should ensure the participation of representatives of stakeholders (employers, teaching staff, students) in the collegial management bodies of the educational program, as well as their representativeness in decision-making on the management of the educational program		+		
14	14	The university must demonstrate innovation management within the EP, including analysis and implementation of innovative proposals	+			
15	15	Management of EP must demonstrate its openness and accessibility for students, teaching staff, employers and other stakeholders		+		
16	16	EP leaders must confirm the training in education management programs		+		
17	17	The EP leadership should strive to ensure that the progress achieved since the last external quality assurance procedure is taken into account in preparation for the next procedure		+		
Total by standard			<b>3</b>	<b>14</b>		
Standard Information Management and Reporting						
18	1	The university must ensure the functioning of the system of collection, analysis and management of information on the basis of modern information and communication		+		

		technologies and software				
19	2	EP management demonstrates the systematic use of processed, adequate information to improve the internal system of quality assurance		+		
20	3	the EP management demonstrates the availability of the reporting system, reflecting the activities of all structural divisions and departments within the EP, including an assessment of their performance		+		
21	4	The university should determine the frequency, forms and methods of evaluation of management of EP, activities of collegial bodies and structural divisions, senior management		+		
22	5	The university should demonstrate a mechanism to ensure the protection of information, including the definition of responsible persons for the reliability and timeliness of the analysis of information and data provision		+		
23	6	The university should demonstrate the involvement of students, staff and faculty in the processes of collection and analysis of information, as well as decision-making on their basis		+		
24	7	EP management must demonstrate the availability of mechanisms of communication with students, employees and other stakeholders, including conflict resolution		+		
25	8	The university should ensure the measurement of the degree of satisfaction of the needs of the faculty, staff and students within the EP and demonstrate evidence of the elimination of detected deficiencies		+		
26	9	The university must assess the effectiveness and efficiency of activities, including in the context of EP		+		
		The information collected and analyzed by the university in the framework of EP, must take into account:				
27	10	key performance indicators		+		
28	11	The dynamics of the contingent of students in the context of forms and types		+		
29	12	level of academic progress, student achievements and drop-out rates		+		
30	13	Student satisfaction with realization of EP and quality of education at HEI		+		
31	14	Availability of educational resources and support systems for students	+			
32	15	Employability and career growth of graduates		+		
33	16	Students, staff and faculty should provide documented consent for processing personal data		+		
34	17	Management of EP must contribute to the provision of all necessary information in relevant fields of science		+		
Total by standard			<b>1</b>	<b>16</b>		
Standard Development and approval of the Educational Programme						
35	1	The university must demonstrate the existence of a documented procedure for developing the EP and its approval at the institutional level		+		
36	2	The university must demonstrate compliance of the		+		

		developed EP with the established objectives and planned learning outcomes				
37	3	The EP management must determine the influence of disciplines and professional practices on the formation of learning outcomes		+		
38	4	The university should be able to demonstrate the availability of EP graduate model, describing learning outcomes and personal qualities		+		
39	5	The qualification awarded upon completion of the EP should be clearly defined, explained and correspond to the defined level of NSC, QF-EHEA		+		
40	6	Management of EP should demonstrate the modular structure of the program, based on the European Credit Transfer and Accumulation System (ECTS), ensure compliance of EP, its modules (in content and structure) with the goals set, focusing on the achievement of planned learning outcomes		+		
41	7	The management of the EP must ensure that the content of academic disciplines and learning outcomes are consistent with each other and with the level of study (bachelor, master, doctorate)		+		
42	8	The EP management must demonstrate the external expertise of the EP		+		
43	9	the EP management must provide evidence of participation of students, teaching staff and other stakeholders in the development of EP, quality assurance		+		
44	10	to demonstrate the EP positioning at the educational market, (regional / national / international), its uniqueness		+		
45	11	an important factor is the possibility to prepare students for professional certification		+		
46	12	important factor is the presence of double-diploma EP and / or joint EP with foreign universities		+		
Total by standard				<b>12</b>		
Standard On-Goig Monitoring and Periodic Review of Educational Programme						
47	1	The university must ensure the revision of the content and structure of EP taking into account changes in the labor market, employers' requirements and social demands of society		+		
48	2	The University is obliged to demonstrate the availability of documented procedures for monitoring and periodic assessment of EP to achieve the purpose of EP. The results of these procedures are aimed at the constant improvement of EP		+		
		The monitoring and periodic evaluation of EP must consider		+		
49	3	program content in the context of recent advances in discipline-specific science and technology		+		
50	4	changes in the needs of society and professional environment		+		
51	5	the workload, performance and graduation rates of students				
52	6	Effectiveness of evaluation procedures for students		+		

53	7	The needs and satisfaction of students		+		
54	8	The relevance of the educational environment and support services to the objectives of the EP		+		
55	9	All stakeholders should be informed of any actions planned or taken with regard to the EP. All changes made to the EP must be published.		+		
56	10	Support services should identify the needs of different groups of students and the degree of their satisfaction with the organization of learning, teaching, assessment, mastering the EP in general		+		
Total by standard				<b>10</b>		
Standard Student-Centered Learning, Teaching and Performance Evaluation						
57	1	Management of EP must ensure respect and attention to different groups of students and their needs, providing them with flexible learning paths		+		
58	2	EP governing body has to provide teaching based on modern achievements of world science and practice in the field of training, the use of various modern methods of teaching and learning outcomes assessment, ensuring the achievement of EP goals, including competencies, skills to perform scientific work at the required level		+		
59	3	the management of EP should determine the mechanisms for distribution of the academic load of students between theory and practice within EP, ensuring the mastering of the content and achievement of EP goals by each graduate		+		
60	4	the important factor is the availability of own research in the field of teaching methodology of EP disciplines		+		
61	5	The university must ensure that the procedures for assessing learning outcomes correspond to the planned results and objectives of EP		+		
62	6	The university should ensure consistency, transparency and objectivity of the mechanism of EP learning outcomes assessment. Criteria and methods of learning outcomes assessment should be published in advance		+		
63	7	Evaluators must know up-to-date methods of assessing learning outcomes and regularly improve their qualification in this field		+		
64	8	EP leaders must demonstrate the availability of a feedback system on the use of various techniques of teaching and assessment of learning outcomes		+		
65	9	EP supervisors must demonstrate support for learner autonomy while being guided and assisted by a faculty member		+		
66	10	EP supervisors must demonstrate that there is a process for responding to learner complaints		+		
Total by standard				<b>10</b>		
Standard Students						
67	1	The university must demonstrate a policy of formation of the contingent of students and ensure the transparency of its		+		



		procedures. Procedures regulating the lifecycle of students (from admission to completion) should be defined, approved, published				
68	2	EP leaders must foresee special adaptation and support programs for newcomer and international students		+		
69	3	The university should demonstrate compliance of its actions with the Lisbon Recognition Convention, including the existence and application of a mechanism for the recognition of the results of academic mobility of students, as well as the results of additional, formal and informal learning		+		
70	4	The university should ensure the possibility of external and internal academic mobility of students, as well as to assist them in obtaining external grants for study		+		
71	5	The university should actively encourage students to self-education and development beyond the basic program (extracurricular activities)		+		
72	6	An important factor is the existence of a mechanism to support gifted students	+			
73	7	The university should demonstrate cooperation with other educational organizations and national centers of "European Network of National Academic Recognition and Mobility Information Centers/National Academic Recognition Information Centers" ENIC/NARIC in order to ensure a comparable recognition of qualifications		+		
74	8	The university is obliged to provide the students with internships, to demonstrate a procedure of facilitating the employment of graduates, to maintain a connection with them		+		
75	9	the university should demonstrate a procedure of issuing the graduates the documents confirming the obtained qualification, including the achieved results of education		+		
76	10	EP supervisors should demonstrate that graduates of the program have skills that are in demand in the labor market and that these skills are really in demand in the labor market		+		
77	11	EP supervisors should demonstrate that there is a mechanism to monitor the employment and professional activities of graduates		+		
78	12	An important factor is the existence of a functioning alumni association/association		+		
Total by standard			1	11		
Standard Teaching Staff						
79	1	The university should have an objective and transparent personnel policy in the context of EP, including recruitment (including guest faculty), professional growth and development of staff, ensuring the professional competence of all staff		+		
80	2	The university must demonstrate compliance of the qualitative composition of teaching staff with the established qualification requirements, the strategy of the university, and the goals of EP	+			
81	3	The EP management must demonstrate a change in the role		+		

		of the faculty in connection with the transition to student-centered learning and teaching				
82	4	The university should offer opportunities for career growth and professional development of teaching staff, including young faculty		+		
83	5	The university should involve to the teaching specialists from relevant industries that have professional competencies that meet the requirements of the program		+		
84	6	The university should demonstrate a mechanism of motivation for professional and personal development of the teaching staff	+			
85	7	The university should demonstrate a wide use of information and communication technologies and software in the educational process (for example, on-line learning, e-portfolio, MOOCs, etc.)		+		
86	8	The university should demonstrate a focus on the development of academic mobility, attracting the best foreign and domestic faculty		+		
87	9	The university should demonstrate the involvement of each faculty member in promoting a culture of quality and academic integrity in the university, to determine the contribution of the teaching staff, including invited ones, in achieving the goals of EP		+		
88	10	An important factor is the involvement of teaching staff in the development of economy, education, science and culture of the region and country		+		
Total by standard			2	8		
Standard Education Resources and Student Support Systems						
89	1	The university should guarantee the compliance of educational resources, including material and technical, and infrastructure to the objectives of the educational program	+			
90	2	Management of EP should demonstrate the availability of classrooms, laboratories and other facilities, equipped with modern equipment and ensuring the achievement of the goals of EP		+		
		The university must demonstrate compliance of information resources with the needs of the university and the implemented EP, including in the following areas:				
91	3	technological support for students and faculty in accordance with educational programs (e.g., online learning, modeling, databases, data analysis programs)		+		
92	4	library resources, including a fund of educational, methodical and scientific literature on general, basic and major disciplines in hard and soft copy, periodicals, access to scientific databases		+		
93	5	expertise of the results of research, graduate works, dissertations for plagiarism		+		
94	6	access to educational Internet resources		+		
95	7	functioning of WI-FI on its territory		+		
96	8	The university should demonstrate that it creates conditions for scientific research, integration of science and education, publication of the results of research work of the teaching	+			

		staff, employees and students				
97	9	The university should strive to ensure that the educational equipment and software used to master educational programs were similar to those used in the relevant industries	+			
98	10	It is necessary to demonstrate the availability of procedures to support different groups of students, including information and consulting		+		
99	11	EP management must demonstrate the availability of conditions for advancement of the student on an individual educational trajectory		+		
100	12	The university must consider the needs of different groups of students (adults, working, foreign students, as well as students with special educational needs)		+		
101	13	The university must ensure compliance of the infrastructure with the safety requirements		+		
Total by standard			3	10		
Standard Public Information						
102	1	The information published by the university should be accurate, objective, relevant and reflect all activities of the university in the framework of the educational program		+		
103	2	Informing the public should support and explain the national development programs of the country and the system of higher and postgraduate education		+		
104	3	The university management should use a variety of ways to distribute information (including the media, Web resources, information networks, etc.) to inform the general public and stakeholders		+		
		The information published by the university about the educational program should be objective and relevant and include:		+		
105	4	the purpose and planned results of the EP, the qualification to be awarded		+		
106	5	information and system of evaluation of academic achievements of students		+		
107	6	information on academic mobility programs and other forms of cooperation with partner universities, employers		+		
108	7	information on possibilities of development of personal and professional competences of students and employment		+		
109	8	data reflecting the positioning of EP in the market of educational services (at regional, national, international levels)		+		
110	9	an important factor is the publication of reliable information about teaching staff in open resources, in the context of personalities		+		
111	10	The higher education institution must publish an audited financial report on SP on its own web-resource			+	
112	11	The university should publish information and links to external resources on the results of external evaluation procedures		+		
113	12	An important factor is to place information on cooperation		+		

		and interaction with partners, including scientific/consulting organizations, business partners, social partners and educational organizations				
Total by standard				11	1	
Total			9	103	1	

## Appendix 2. Program of the visit of the external expert commission

**PROGRAM**  
**VISIT OF THE EXTERNAL EXPERT COMMISSION**  
**INDEPENDENT ACCREDITATION AND RATING AGENCY (IAAR)**  
**TO KAZAKH NATIONAL AGRICULTURAL RESEARCH UNIVERSITY**

Date of the visit: 02-04 MARCH 2022

<b>Cluster 1</b>	6B07207-Technology of food products 7M07207-Technology of food products (by industry) 6B07208-Technology of processing industries (by industry) 7M07208-Technology of processing industries (by industry)	<b>Cluster 3</b>	6B08201-Technology for the production of livestock products 7M08201-Technology for the production of livestock products 8D08201-Technology for the production of livestock products
<b>Cluster 2</b>	6B07501-Standardization and certification (by industry) 7M07501-Standardization and certification (by industry) 8D07501-Standardization and certification (by industry)	<b>Cluster 4</b>	8D09101-Veterinary medicine 8D09102-Veterinary sanitation

Date and time	EEC work with target groups	Position, Surname, First Name, Patronymic target group members	Contact form
<b>February 28, 2022</b>			
<b>15.00-16.00</b> <i>According to the time of Nur-Sultan</i>	Preliminary meeting of the EEC	<i>External LAAR experts</i>	Join a Zoom meeting <a href="https://us02web.zoom.us/j/6813032588">https://us02web.zoom.us/j/6813032588</a> Conference ID: 681 303 2588
<b>On schedule during the day</b>	Arrival of members of the External Expert Commission		

**Day 1: March 2, 2022**

<b>08.30-09.00</b>	Transfer from the hotel to the University	<i>External experts LAAR, coordinator from the University</i>	Hotel-University
<b>10.00-10.15</b>	Distribution of responsibility of experts, solution of organizational issues	<i>External LAAR experts</i>	Small Hall, Conference Hall Join a Zoom meeting <a href="https://us02web.zoom.us/j/84478926368">https://us02web.zoom.us/j/84478926368</a> Conference ID: 844 7892 6368
<b>10.15 –10.45</b>	Meeting with management	<i>Chairman of the Board - Rector <b>Espolov Tlektas Isabayevich</b></i> <i>Deputy Chairman of the Board - Provost <b>Tirenov Kanat Maratovich</b></i> <i>Deputy Chairman of the Board - Rector <b>Ibragimov Primkul Sholpankulovich</b></i> <i>Vice-Rector for Strategy, Infrastructure Development, Digitalization and Legal Affairs <b>Balieva Zagipa Yakhyanovna</b></i> <i>Chief of Staff <b>Sihimbaev Serik Dzholdasbekovich</b></i> <i>Vice-rector for academic and educational work <b>Kalykova Bakyt Baimuratkyzy</b></i> <i>Vice-Rector for Research and International Relations <b>Islamov Yesenbay Israilovich</b></i> <i>Vice-rector for educational and social work <b>Daurenbayeva Zhanara Abzhanovna</b></i> <i>Financial Director <b>Kaldybalina Gaukhar Mukhanovna</b></i> <i>Infrastructure Development Director <b>Kozhageldiev Bekbergen Tlepbergenovich</b></i> <i>Head of the transformation office <b>Alekseeva Marina Alexandrovna</b></i>	Situation room  Conference hall Join a Zoom meeting <a href="https://us02web.zoom.us/j/84478926368">https://us02web.zoom.us/j/84478926368</a> Conference ID: 844 7892 6368
<b>10.45-11.00</b>	Technical break		
<b>11.00-11.40</b>	Meeting with heads of structural divisions	<i>Compliance officer <b>Abdikeshov Marat Kalybaevich</b></i>	Situation room



		<p>Head of the Human Resources Development Department <b>Saudabayeva Daria Ermagambetovna</b></p> <p>Head of the Department of Strategic Development <b>Nuralieva Elmira Tastanovna</b></p> <p>Director of the Department for Academic Affairs <b>Satmurzaev Asan Adasbekovich</b></p> <p>Head of the Department for Educational and Methodological Work and the Quality of Educational Programs <b>Kusainova Zhanar Abikenovna</b></p> <p>Head of the Center for Monitoring the Quality of Education <b>Serikbaev Abdukarim Userovich</b></p> <p>Head of the educational department <b>Koishibaev Azamat Mardenovich</b></p> <p>Head of the Department of Practice and Employment <b>Yesimova Bakhytgul Dauletbekovna</b></p> <p>Head of the department for the organization of academic studies <b>Saginbayeva Sveta Pernebaevna</b></p> <p>Head of Department, Registration and Documents Office</p> <p>students <b>Zhamekova Zhaqira Zhetesovna</b></p> <p>Head of the department for managing applicants <b>Bekbayeva Dinara Nusipovna</b></p> <p>Head of the distance learning sector <b>Mahamedova Baglan Yakupbaevna</b></p> <p>Head of the Quality Management System Sector <b>Sarsekeeva Gulnar Zhatkambaevna</b></p> <p>Director of the Institute of Postgraduate Education <b>Aldiyarova Ainura Esirkepovna</b></p> <p>Head of PhD Sector <b>Suleymanova Gulnur Almasovna</b></p> <p>Head of the Center for Accreditation and Rating <b>Kaipbaev Erbolat Tolganbaevich</b></p>	<p>Conference hall</p> <p>Join a Zoom meeting</p> <p><a href="https://us02web.zoom.us/j/84478926368">https://us02web.zoom.us/j/84478926368</a></p> <p>Conference ID: 844 7892 6368</p>
		<p>Director of the Institute for Advanced Studies <b>Shametov Nurtaza Rashevich</b></p> <p>Director of the Department of International Cooperation <b>Omirzhanov Yesbol Toktarbekovich</b></p> <p>Head of the International Rating Department <b>Abzal Askarbekovich Abdramanov</b></p> <p>Head of the Center for Academic Mobility and International Educational Programs <b>Manapova Azhar Shaganovna</b></p> <p>Director of the Department of Science <b>Baibolov Asan Erbolatovich</b></p> <p>Head of the Department for Planning and Coordination of Research and Development, Expertise of Projects <b>Akhmetkanova Gulnar Amankeldievna</b></p> <p>Head of the Department of NTI and attestation of scientific personnel <b>Serikov Maksat Serikuly</b></p> <p>Department for educational work <b>Aubakirov Nuryngzhan Parzhanovich</b></p> <p>Deputy director of the Institute of social and humanitarian education and upbringing. <b>O.Suleimenova Eralieva Asima Shanbaevna</b></p> <p>Head of the Center for Youth Affairs <b>Smanov Ashirali</b></p> <p>Center for the formation of anti-corruption culture "Parasat" <b>Maulyaeva Sandugash Tanirbergenkyzy</b></p> <p>Director of the Institute of Information Technologies <b>Dospanbetova Aida Malikovna</b></p> <p>Director of the Scientific Library <b>Aytuarova Aziza Maldybaevna</b></p>	
11.40-11.50	Technical break		

11.50-12.30	Interviews with deans and department heads	<p>Dean of the Faculty "Technologies and bioresources" <b>Buralkhiev Batyrkhan Azimkhanovich</b></p> <p>Dean of the Faculty "Veterinary" <b>Dzhanabekova Gulmira Kumiskaliyevna</b></p> <p>Head department "Technology and food safety" <b>Mamaeva Laura Asilbekovna</b></p> <p>Head Department of "Technology of production of livestock products" <b>Islamov Yesenbay Israilovich</b></p> <p>Head Department "Obstetrics, surgery and biotechnology of animal reproduction" <b>Usenbekov Yesengali Serikovich</b></p> <p>Head Department "Clinical veterinary medicine" <b>Alikhanov Kuantar Daulenovich</b></p> <p>Head Department "Biological safety" <b>Sansyzbay Abylay Rysbayuly</b></p> <p>Head Department "Microbiology, Virology and Immunology" <b>Kirkimbaeva Zhumagul Styambekovna</b></p> <p>Head Department "Veterinary Sanitary Expertise and Hygiene" <b>Sarsembayeva Nurzhan Bilebaevna</b></p>	<p>Situation room</p> <p>Conference hall</p> <p>Join a Zoom meeting</p> <p><a href="https://us02web.zoom.us/j/84478926368">https://us02web.zoom.us/j/84478926368</a></p> <p>Conference ID: 844 7892 6368</p>
12.30-12.45	Technical break		
12.45-13.00	EEC work	External IAAR experts	<p>Small Hall, Conference Hall</p> <p>Join a Zoom meeting</p> <p><a href="https://us02web.zoom.us/j/84478926368">https://us02web.zoom.us/j/84478926368</a></p> <p>Conference ID: 844 7892 6368</p>
13.00-14.00	<b>Dinner</b>		
14.00-14.15	Technical break		
14.15-15.00	Interview with teaching staff	<b>Application No. 1</b>	<p>Situation room</p> <p>Conference hall</p> <p>Join a Zoom meeting</p> <p><a href="https://us02web.zoom.us/j/84478926368">https://us02web.zoom.us/j/84478926368</a></p>
			Conference ID: 844 7892 6368
15.00-15.15	Technical break		
15.15-16.00	Questioning of teaching staff	<b>Application No. 2</b>	The link is sent to the e-mail of the teacher personally
15.15-16.00	Interviews with students	<b>Application No. 3</b>	<p>Small Hall, Conference Hall</p> <p>Join a Zoom meeting</p> <p><a href="https://us02web.zoom.us/j/84478926368">https://us02web.zoom.us/j/84478926368</a></p> <p>Conference ID: 844 7892 6368</p>
16.00-16.15	Technical break		
16.15-17.00	Questionnaire of students	<b>Application No. 4</b>	The link is sent to the e-mail of the student personally
16.15-17.00	Visual inspection	<b>External IAAR experts</b>	Kazakh-Japanese Innovation Center, Agrotechnological HUB
17.00-18.00	Work of the EEC discussion of the results of the first day	External IAAR experts	<p>Small Hall, Conference Hall</p> <p>Join a Zoom meeting</p> <p><a href="https://us02web.zoom.us/j/84478926368">https://us02web.zoom.us/j/84478926368</a></p> <p>Conference ID: 844 7892 6368</p>
18.00-19.00	Supper	External IAAR experts	Hotel
<b>Day 2: March 03, 2022</b>			
08.30-09.00	Transfer from the hotel to the University	External experts IAAR, coordinator from the University	Hotel-University
09.00-09.15	EEC work	External IAAR experts, deans, department heads	<p>Small Hall, Conference Hall</p> <p>Join a Zoom meeting</p> <p><a href="https://us02web.zoom.us/j/84478926368">https://us02web.zoom.us/j/84478926368</a></p> <p>Conference ID: 844 7892 6368</p>
09.15-10.50	Scheduled class attendance	<b>Application No. 5</b>	Educational buildings No. 10 and No. 11
09.15-10.50	Working with department documents	Meeting with the heads of the department and teaching staff	
10.50-12.10	Technical break		

12.10-12.45	Interviews with representatives of practice bases and employers	<i>Application No. 6</i>	Small Hall, Conference Hall Join a Zoom meeting <a href="https://us02web.zoom.us/j/84478926368">https://us02web.zoom.us/j/84478926368</a> Conference ID: 844 7892 6368
12.45-12.55	Technical break		
13.00-14.00	<i>Dinner</i>		
14.00-14.15	Technical break		
14.15-14.55	Alumni Interviews	<i>Application No. 7</i>	Small Hall, Conference Hall Join a Zoom meeting <a href="https://us02web.zoom.us/j/84478926368">https://us02web.zoom.us/j/84478926368</a> Conference ID: 844 7892 6368
14.55-15.05	Technical break		
15.05-18.15	Visiting practice bases	<i>LAAR External Experts, Deans, Head of Practice and Employment Department, Heads of Department</i>	LLP "Bayserke - Agro", Kazakh Research Institute of Processing and Food Industry
18.15-18.30	EEC work, discussion of the results of the second day and profile parameters	<i>External LAAR experts</i>	Small Hall, Conference Hall Join a Zoom meeting <a href="https://us02web.zoom.us/j/84478926368">https://us02web.zoom.us/j/84478926368</a> Conference ID: 844 7892 6368
18.30-19.30	Supper	<i>External LAAR experts</i>	Hotel
<b>Day 3: March 04, 2022</b>			
08.30-09.00	Transfer from the hotel to the University	<i>External experts LAAR, coordinator from the University</i>	Hotel-University
09.00-10.00	EEC work development and discussion of recommendations	<i>External LAAR experts</i>	Small Hall, Conference Hall Join a Zoom meeting <a href="https://us02web.zoom.us/j/84478926368">https://us02web.zoom.us/j/84478926368</a> Conference ID: 844 7892 6368
10.00-10.20	Technical break		
10.20-12.30	EEC work discussion,	<i>External LAAR experts</i>	Small Hall, Conference Hall

	decision-making by voting		Join a Zoom meeting <a href="https://us02web.zoom.us/j/84478926368">https://us02web.zoom.us/j/84478926368</a> Conference ID: 844 7892 6368
12.30-13.00	Final meeting of the EEC with the leadership of the university	<i>Rector, vice-rectors, deans, heads of department</i>	Situation room Conference hall Join a Zoom meeting <a href="https://us02web.zoom.us/j/84478926368">https://us02web.zoom.us/j/84478926368</a> Conference ID: 844 7892 6368
13.00-14.00	<i>Dinner</i>		
14.00 15.00	Work of the EEC, Discussion of the results of the quality assessment	<i>External LAAR experts</i>	Small Hall, Conference II Hall Join a Zoom meeting <a href="https://us02web.zoom.us/j/84478926368">https://us02web.zoom.us/j/84478926368</a> Conference ID: 844 7892 6368
15.00-15.15	Technical break		
15.15-18.00	Work of the EEC, Discussion of the results of the quality assessment	<i>External LAAR experts</i>	Small Hall, Conference Hall Join a Zoom meeting <a href="https://us02web.zoom.us/j/84478926368">https://us02web.zoom.us/j/84478926368</a> Conference ID: 844 7892 6368

## Appendix 3. Results of the survey of teaching staff

Total number of profiles: 44

Technology of food products 13.6%

Technology of Processing Industries (by industry) 15.9

**Standardization and Certification (by industry) 18.2**

Technology of Livestock Production 22.7

Veterinary Medicine 18.2

Veterinary Sanitation 11.4

## 2. Position

Professor	36.4
Associate Professor/Associate Professor	15.9
Senior Lecturer	18.2
Teacher	15.9
Head Chair	2.3
Other	11.4

## 3. Academic degree, academic title

Honored Worker	
Doctor of Sciences	18.2
candidate of science	47.7
Magister	25
PhD	6.8
Professor	2.3
Assistant professor/associate professor	11.4
Not	2.3
Other	

## 4. Work experience in this university

Less than 1 year	
1 year - 5 years	18.2
Over 5 years	81.8
Other	

**31. Why do you work in this university?**

patriotism

my specialty is here!!!

I chose it because of the university's educational program and all the conditions

Graduate of this university

compliance specialty

Stable high salary, the opportunity to participate in scientific projects (obtaining additional income), advanced training through grants

The university trained good specialists and trained competitive students

There is an opportunity to implement projects (educational, scientific, social)

I chose it because it is a highly competitive institution that trains good specialists

I am the son of a shepherd, I love my profession

I like this university

I chose KazNARU due to the educational process of teachers and the creation of all conditions for students while studying for a master's degree.



I like to work in this university great prospects

Conditions for effective work have been

My profession is a veterinarian, I pass on my experience and skills to students

Patriotism

Specialist. university

I graduated from this university and there was a desire to work in this

I'm used to working here, good atmosphere, good staff

like the profession

Good team, good pay and lots of opportunities Along with teaching, he has a great influence on science

Good preparation of students

I felt that I needed to spread my knowledge

It is a research university with a special status in the country, with all the conditions

I really love my profession because it is compassionate

Because I am sympathetic to my profession

Career growth

Much attention is paid to experience and professional development First of all, because it is a leading university among agricultural universities, it occupies a leading position, it is included in the world's reputable laboratories equipped with modern equipment

The university is competitive in the Republic of Kazakhstan. Corresponds to all categories

Good pay and career growth

I like the profession of a veterinarian, for nothing it says "Medicine treats a person-veterinary medicine humanity!"

I work at the Kazakh National Agrarian Research University, as the university management has created all the necessary conditions for the development of the teaching staff

Because I am a graduate of this university

I have chosen as a platform for the useful and effective implementation of my knowledge and academic degree

I had to choose this university in order to continue my career in veterinary medicine

**32. How often do you have workshops and workshops with practitioners as part of your course?**

very often	often	sometimes	rarely	never
43.2	50	2.3	4.5	

**33. How often do invited teachers (domestic and foreign) participate in the learning process?**

very often	often	sometimes	rarely	never
27.3	61.4	11.4		

**34. How often do you encounter the following problems in your work: (please give an answer in each line)**

Questions	Often	Sometimes	Never	Didn't answer
Lack of classrooms		68.2	31.8	
Unbalanced study load by semesters		18.2	81.8	
Unavailability of necessary literature in the library		18.2	81.8	
Overcrowding of study groups (too many students in the group)		18.2	81.8	
Inconvenient schedule		15.9	84.1	
Inappropriate conditions for classes in		13.6	86.4	

classrooms				
No internet access/weak internet		31.8	68.2	
Students' lack of interest in learning		20.5	79.5	
Untimely receipt of information about events		9.1	90.9	
Lack of technical teaching aids in classrooms		25	75	-
Other problems	There are no problems no problem no There were no problems- There was no problem No problem No other problems either. Salary is not correct no problem no problem There were no other problems Requires computer upgrades There are no problems			

**35. There are many different sides and aspects in the life of the university, which in one way or another affect every teacher and employee. Rate how satisfied you are:**

Questions	Completely satisfied (1)	Partially satisfied (2)	Not satisfied (3)	Difficult to answer(4)
The attitude of the university management towards you	81.8	13.6	4.5	
Relationships with direct management	81.8	13.6	4.5	
Relationships with colleagues in the department	97.7	2.3		
The degree of participation in managerial decision-making	84.1	13.6	2.3	
Relations with students	100			
Recognition of your successes and achievements by the administration	90.9	6.8	2.3	
Support for your suggestions and comments	81.8	13.6	2.3	2.3
University administration activities	79.5	13.6	4.5	2.3
Terms of pay	63.6	22.7	11.4	2.3
Working conditions, list and quality of services provided at the university	84.1	15.9		
Occupational health and safety	93.2	6.8		
Management of changes in the activities of the university	90.9	9.1		
Providing a social package: rest, sanatorium treatment, etc.	54.5	34.1	11.4	
Organization and quality of food at the university	72.7	18.2	6.8	2.3
Organization and quality of medical care	79.5	18.2	2.3	

	Questions	Very good	Good	Relatively bad	Bad	Very bad	Didn't answer
1	To what extent does the content of the educational program meet your scientific and professional interests and needs?	90.9	9.1				
2	How do you assess the opportunities provided by the university for the professional development of teaching staff	77.3	20.5				
3	How do you assess the opportunities provided by the university for the career growth of teaching staff	72.7	27.3				
4	How do you assess the degree of academic freedom of teaching staff	63.6	36.4				
	To what extent can teachers use their own						
5	• Learning strategies	72.7	27.3				
6	• Teaching methods	77.3	22.7				
7	• Educational innovations	68.2	31.8				
8	How do you evaluate the work on the organization of medical care and disease prevention at the university?	65.9	34.1				
9	What attention is paid by the management of the educational institution to the content of the educational program?	72.7	27.3				
10	How do you assess the sufficiency and availability of the necessary scientific and educational literature in the library?	68.2	31.8				
11	Assess the level of conditions created that take into account the needs of different groups of students?	61.4	38.6				
	Assess the openness and accessibility of leadership						
12	• Students	61.4	38.6				
13	• Teachers	54.5	43.2	2.3			
14	Assess the involvement of teaching staff in the process of making managerial and strategic decisions	59.1	38.6	2.3			
15	How is the innovation activity of teaching staff encouraged?	63.6	36.4				
16	Assess the level of feedback from teaching staff with	61.4	38.6				

	management						
17	What is the level of stimulation and involvement of young professionals in the educational process?	68.2	29.5	2.3			
18	Evaluate the created opportunities for professional and personal growth for each teacher and employee	68.2	29.5	2.3			
19	Assess the adequacy of the university management's recognition of the potential and abilities of teachers	59.1	38.6	2.3			
	How the work is delivered						
20	• Academic mobility	61.4	36.4	2.3			
21	• On advanced training of teaching staff	56.8	34.1	9.1			
	Evaluate the support of the university and its management						
22	• Research initiatives of teaching staff	70.5	29.5				
23	• Development of new educational programs / academic disciplines / teaching methods	75	25				
	Assess the level of the teaching staff's ability to combine teaching						
24	• with scientific research	68.2	31.8				
25	• with practical activities	65.9	31.8	2.3			
26	Assess how the knowledge of students obtained at the university corresponds to the realities of the requirements of the modern labor market	68.2	29.5	2.3			
27	How does the leadership and administration of the university perceive criticism?	29.5	54.5	9.1	6.8		
28	How well does your workload meet your expectations and abilities?	65.9	29.5	4.5			
29	Assess the focus of educational programs / curricula on the formation of students' skills and abilities to analyze the situation and make forecasts?	77.3	20.5	2.3			
30	Assess how the educational program in terms of content and quality of implementation meets the expectations of the labor market and employers	63.6	31.8	4.5			



## Appendix 4. Results of the students' survey

**Questionnaire for students**

Total number of profiles: 67

Educational program (specialty):

Floor:

Male	11.9	
Female	88.1	

Rate how satisfied you are:

Questions	Completely satisfied	Partially satisfied	Partially dissatisfied	Not satisfied	Difficult to answer
Relations with the dean's office (school, faculty, department)	80.6	16.4	1.5		1.5
The level of accessibility of the dean's office (school, faculty, department)	76.1	19.4	3		1.5
The level of accessibility and responsiveness of the leadership (university, school, faculty, department)	74.6	23.9	1.5		
Availability of academic counseling	82.1	17.9			
Support with educational materials in the learning process	88.1	11.9			
Availability of counseling on personal problems	76.1	20.9	1.5		1.5
Relationship between student and teacher	94	6			
The activities of the financial and administrative services of the educational institution	64.2	29.9	3	1.5	1.5
Accessibility of health services	77.6	22.4			
The quality of medical care at the university	74.6	23.9			1.5
Level of availability of library resources	82.1	17.9			
The quality of services provided in libraries and reading rooms	77.6	20.9			1.5
Existing educational resources of the university	74.6	23.9			1.5
Availability of computer classes	65.7	29.9	3		1.5
Availability and quality of Internet resources	67.2	31.3	1.5		
The content and information content of the website of educational organizations in general and faculties (schools) in particular	77.6	20.9			1.5
Study rooms, auditoriums for large groups	77.6	20.9			1.5
Lounges for students (if available)	50.7	31.3	9	1.5	7.5
Clarity of disciplinary procedures	82.1	14.9	1.5		1.5
The quality of the educational program as a whole	80.6	19.4			
The quality of study programs in the EP	88.1	10.4			1.5
Teaching methods in general	86.6	13.4			
Quick response to feedback from teachers on the educational process	86.6	11.9			1.5
The quality of teaching in general	82.1	16.4			1.5
Academic load / requirements for the student	70.1	29.9			
Requirements of the teaching staff for the student	86.6	13.4			
Information support and clarification before entering the university	85.1	13.4	1.5		

of the rules for admission and the strategy of the educational program (specialty)					
Informing the requirements in order to successfully complete this educational program (specialty)	88.1	11.9			
The quality of examination materials (tests and examination questions, etc.)	89.6	10.4			
Objectivity in assessing knowledge, skills and other educational achievements	83.6	16.4			
Available computer classes	73.1	25.4			1.5
Available scientific laboratories	71.6	25.4			3
Objectivity and fairness of teachers	83.6	13.4	3		
Informing students about courses, educational programs and the academic degree received	85.1	11.9	1.5		1.5
Providing students with a hostel	67.2	28.4		1.5	3

How much do you agree with:

Statement	Full consent	I agree	Partially agree	Disagree	Complete disagreement	Didn't answer
The course program was clearly presented	65.7	31.3	3			
Course content is well structured	68.7	29.9	1.5			
Key terms are well explained	74.6	23.9	1.5			
The material proposed by the teacher is relevant and reflects the latest achievements of science and practice.	71.6	26.9	1.5			
The teacher uses effective teaching methods	77.6	20.9	1.5			
The teacher owns the material being taught	79.1	19.4	1.5			
Teacher's presentation is clear	77.6	22.4				
The teacher presents the material in an interesting way	71.6	28.4				
Objectivity in assessing knowledge, skills and other educational achievements	74.6	25.4				
The timeliness of assessing the educational achievements of students	73.1	26.9				
The teacher satisfies your requirements and expectations for professional and personal development	73.1	25.4	1.5			
The teacher stimulates the activity of students	74.6	23.9	1.5			
The teacher stimulates the creative thinking of students	73.1	25.4	1.5			
The appearance and manners of the teacher are adequate	76.1	23.9				
The teacher shows a positive attitude towards students	74.6	25.4				
The system for assessing educational achievements (seminars, tests, questionnaires, etc.) reflects the content of the course	77.6	22.4				
The assessment criteria used by the teacher are clear and accessible	74.6	25.4				
The teacher objectively evaluates the achievements of students	76.1	23.9				
The teacher speaks a professional language	74.6	23.9	1.5			
The organization of education provides sufficient opportunities for sports and other leisure activities.	65.7	28.4	6			

Facilities and equipment for students are safe, comfortable and modern	70.1	25.4	4.5			
The library is well equipped and has a sufficient fund of scientific, educational and methodical literature	70.1	26.9	3			
Equal opportunities for mastering the EP and personal development are provided to all students	71.6	28.4				

**Other concerns regarding the quality of teaching:**

No problems

Everything is great

Not

No

Everything suits me! All at the highest level!

Everything great

No problem

The problem is

No problem

No problem.

No problem

No problems

Everyone likes it

I am satisfied with everything

I did not have any problems

I am satisfied with everything