



«АККРЕДИТТЕУ ЖӘНЕ РЕЙТИНГТИҢ  
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 evaluation committee for compliance with institutional accreditation standards

5B071300 - TRANSPORT, TRANSPORT  
TECHNOLOGY AND TECHNOLOGIES

5B080100 - AGRONOMY

5B080600 - AGRARIAN MACHINERY AND TECHNOLOGY

5B090900 - LOGISTICS (BY BRANCHES)

**Kostanay Engineering and Economics University  
named after M. Dulatov LLP**

**Site-Visit Dates «11» to «13» December 2018**

**INDEPENDENT AGENCY FOR ACCREDITATION AND RATING**

*External expert committee*

*Addressed to  
Accreditation  
advice of the IAAR*



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**Kostanay, 2018**

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**(I) LIST OF SYMBOLS AND ABBREVIATIONS**

AIC - Automated Information System;  
ANS RK - Academy of Natural Sciences of the Republic of Kazakhstan;  
JSC - joint stock company;  
ACS - automated control system;  
AP - administrative personnel;  
HPE - Higher professional education;  
EW - educational work;  
HEI - a higher education institution;  
EEC - External Expert Commission  
SAC - State Attestation Commission;  
SOS - state obligatory standard;  
SOES RK - state obligatory education standard of the Republic of Kazakhstan;  
DOT - distance learning technologies;  
AA - additional agreements;  
UNT - unified national testing;  
USHEM - a unified system of higher education management;  
ICT - information and communication technology;  
IT - information technology;  
ITC Information Technology Center  
IC - Individual Curriculum;  
KazRIMEA - Kazakh Research Institute of Mechanization and Electrification of Agriculture;  
KVN - the club is cheerful and resourceful;  
KSU - Kostanay State University named after A. Baitursynov  
KEEU - Kostanay Engineering Economic University;  
CDEP - Committee for the Development of Educational Programs;  
CTA - comprehensive testing of the applicant;  
CTT - credit technology training;  
CED - catalog of elective disciplines;  
IAAE - International Academy of Agrarian Education;  
IAI - International Academy of Informatization;  
MES RK - Ministry of Education and Science of the Republic of Kazakhstan;  
MEP - modular educational programs;  
MCI - monthly calculation index;  
IS - international standard;  
MA RK - Ministry of Agriculture of the Republic of Kazakhstan;  
MTB - material and technical base;  
IAAR - Independent Accreditation and Rating Agency  
RW - research work;  
SRW - student research work;  
RA - regulatory act;  
RPA - research and production activities;  
SW - scientific work;  
EP - Educational program;  
TS - teaching staff;  
Vice-Rector for AD - Vice-Rector for Academic Development;  
Vice-rector for CG - Vice-rector for corporate governance;  
Vice-Rector for S - Vice-Rector for Science;

Vice-Rector for SD and SI - Vice-Rector for Strategic Development, Science and Innovations;

RSUE on REM - republican state utility enterprise on the right of economic management

RSCI - Russian Science Citation Index;

RIC - Regional Innovation Center;

RK - Republic of Kazakhstan;

RIEL - Republican Interuniversity Electronic Library;

WC - working curriculum;

RF - Russian Federation;

ACS - access control system;

Media - mass media;

QMS - quality management system;

CIS - Commonwealth of Independent States;

SSS - Student Scientific Society;

IWS - independent work of the student / student;

IWST - independent work of the student with the teacher;

ST RK - the standard of the Republic of Kazakhstan;

EC - employment contract;

TC - Technical Committee;

LLP - a limited liability partnership;

TVT - technical vocational training;

MC - Model Curriculum;

ESS - educational support staff;

EW - educational work;

ECD - educational complex of the discipline;

ECS - educational complex of the specialty;

EMW - educational and methodical work;

EMC - educational and methodical council;

C - curriculum;

MP and OEP - management planning and organization of the educational process;

SC - Scientific Council;

FDO - Faculty of Distance Education;

CNC - numerical program control;

EL - electronic library;

APTECH - Applied Technologies.

## **(II) INTRODUCTION**

In accordance with the order No. 123-18-OD dated November 28, 2018, the Independent Agency for Accreditation and Rating from December 11 to December 13, 2018, an external expert committee conducted a conformity assessment of Kostanay Engineering and Economic University named after M. Dulatov (KINEU) standards of specialized accreditation (dated February 24, 2017 No. 10-17-OD, fifth edition) according to programs 5B071300 - "Transport, transport equipment and technologies", 5B080100 - "Agronomy", 5B080600 - "Agrarian equipment and technology", 5B090900 - "Logistics (by industry)".

The report of the external expert commission (WEC) contains an assessment of the compliance of the educational programs of Kostanay Engineering and Economic University named after M. Dulatov within the framework of specialized accreditation to the criteria of the IAAR, recommendations of the WEC for further improvement of the parameters of the specialized profile.

### **The composition EEC:**

1. Chairman of the Commission - Marina Pogrebitskaya, Candidate of Pedagogical Sciences, Associate Professor, M. Kozybaev North Kazakhstan State University (Petropavlovsk).
2. Foreign expert - Yelena Sokolova, Ph.D., associate professor, National Aviation University (Kiev, Ukraine).
3. Foreign expert - Gostin Alexey M., Ph.D., Associate Professor, Ryazan State Radio Engineering University (RSREU) (Ryazan).
4. Expert - Kegenbekov Zhandos K., Ph.D., associate professor, Kazakh-German University (Almaty).
5. Expert - Kairotolla K. Abishev, Ph.D., associate professor, Pavlodar State University. S.Toraigyrov (Pavlodar).
6. Expert - Rakhimov Murat A., Ph.D., associate professor, Karaganda State Technical University (Karaganda).
7. Expert - Saydulaeva Malika A., Karaganda State Medical University (Karaganda).
8. Expert - Tashatov Nurlan N., Ph.D., associate professor, Eurasian National University. L.N. Gumilyov (Astana).
9. Expert - Musabekov Rasulbek A., Ph.D., associate professor, Almaty University of Energy and Communications (Almaty).
10. Employer - Bekmagambetov Gabiden B., project manager of the human capital development department of the Chamber of Entrepreneurs of Kostanay region (Kostanay).
11. The employer is Alexey Korniyasev, chief engineer of Agromash HoldingKZ, JSC (Kostanay).
12. Student - Anuarbekova Diana T., 4th year student of the educational program "5B080100-Agronomy", Kostanay State University named after A. Baitursynov (Kostanay).
13. Student - Nusipbek Nurlybek N., 4th year student of EP "5B073200-Standardization and Certification", Kostanay State University named after A. Baitursynov (Kostanay).
14. Student - Amanova Oralay M., 3-year student of EP "5B071700-Thermal Power Engineering", Rudny Industrial Institute (Rudny).
15. Observer for the Agency - Timur Kanapyanov, PhD, Head of International Projects and Public Relations, IAAR (Astana).



### **(III) REPRESENTATION OF EDUCATION ORGANIZATION**

Kostanay Engineering and Economics University named after Myrzhakyp Dulatov (KEEU) is a higher educational institution, having the status of a legal entity, implementing professional educational programs of higher and postgraduate education.

KEEU them. M. Dulatova has the necessary legal and regulatory documents for conducting educational activities (license No. 12020748 dated November 5, 2012, the Charter of KEEU named after M. Dulatov, a package of internal regulatory materials, professional educational programs).

Kostanay Engineering and Economic University. M. Dulatova is the first private higher educational institution in the Kostanay region, which arose 22 years ago as a result of the changed economic and social conditions in independent Kazakhstan. The basis for its emergence, formation and further development was the opening in 1996 of the LLP "Institute of Business and Management", transformed a year later into the institution of "Institute of Business and Management", in which students studied in three economic specialties: "Economics and Management", "Accounting and Auditing", "International Economic Relations".

Currently, the university's structure consists of three faculties: economics, engineering and technology, distance learning, and 7 departments (Standardization and Food Technologies, Information Technologies and Automation, Transport and Service, Energy and Mechanical Engineering), "Accounting and Finance", "Economics and Management", "General education disciplines"). There is a center for working with students, a center for recruiting applicants and alumni, a digital academy, a center for developing and implementing projects, an entrepreneurship center, a STARTUP academy, a co-working center, etc.

In an effort to become a leading entrepreneurial, socially responsible institution of higher education, focusing on higher education institutions of world entrepreneurship, the university is actively working to create and implement the following innovative projects:

- functioning of the training laboratory "Accountant of the Firm and 1C Accounting" using the German experience in the GTZ program and the opening of the Center for Certified Training of the 1C company in 8 specialized and 2 school directions;

- functioning for the purpose of training world-class specialists in IT-technologies of the International Scientific and Educational Center for Computer Technologies APTECH (Applied Technologies - applied technologies) on the rights of an official representative office (license No. 0122 of the franchise agreement dated December 20, 2012 of APTECH Corporation, Mumbai);

- functioning of an innovative educational laboratory "Modeling and application of technological processes" with CNC machines (numerical control).

With the help of seven departments of the university, they are preparing for 19 undergraduate specialties and two graduate programs.

As of October 1, 2018, the contingent of full-time students was 2194, of which, on the basis of the state educational grant, 51, undergraduates — 55.

Currently, the total number of full-time faculty members at the university is 112. There are 5 Doctors of Sciences, 2 Professors, 52 Candidates of Sciences, 21 Associate Professor, 3 Doctors of PhD, 40 Masters in the staff. The university employs 24 people who are part of the MAAO, MAI, AEN RK.

From the 2011-2012 academic year in KEEU named after M. Dulatova applies distance learning in case, network and TV - technologies for all undergraduate specialties. The Elsyra distance learning system, developed by university staff, is the only one in the northern region. This allows students to receive education via the Internet. These technologies allow the use of all e-learning learning scenarios. These scenarios are developed within the framework of the Tempus project funded by the European Commission.

Today, the university trains personnel for the national economy of Kazakhstan and, in particular, for the northern region. For twenty-two years, the university has trained more than 20 thousand people in engineering, agricultural, and economic fields.

The University trains specialists in close cooperation with the main employers of the region and region: CF Agromash-Holding; SaryarkaAvtoProm LLP; Ivolga-Raster LLP; LLP "Energy Efficiency Technologies Company; JSC "NCEX", JSC "Bayan Sulu"; Evraz Caspian Steel LLP; GKP Zatobolsk Thermal Power Company "; JSC "KTZH - Freight traffic" - "Kostanay branch of the state enterprise"; Alliansky LLP; JSC "Kostanay flour mill"; Baltic Control Kazakhstan LLP; and etc.

The leaders of the largest enterprises and firms joined the University Board of Trustees. Many managers, department heads, chief specialists of organizations and enterprises, city and regional administrations are university graduates <http://kineu.kz/popechitelskij-sovet>.

The university has a modern level of material and technical base, ensuring the provision of quality educational services and the implementation of the mission, goals and objectives of the university. Every year, due to the modernization of fixed assets, new classrooms are introduced into operation. In 2005, a new sports hall with a total area of 1087.5 sq.m. was built at its own expense, in 2007 the administrative building with a total area of 2935.3 sq.m. was commissioned, in 2012 an educational building with a total area of 561 sq.m. m., in 2011, the educational building "B" has expanded through the construction of 5 floors, with a total area of 588, 4 sq.m. In 2014, a mansard superstructure was put into operation on the 5th floor of building "A", with a total area of 720.7 sq.m.

The University is a signatory of the Great Charter. In 2014, according to the results of the national rating of the Independent Kazakhstan Agency for Quality Assurance in Education (IQAA) and the Center of the Bologna Process and Academic Mobility of the Ministry of Education and Science of the Republic of Kazakhstan, the best educational programs of the university were recognized: "Organization of transport, traffic and transport operation" - 4th position, "Standardization, certification and metrology" - 9th position, "Economy" - 10th position, "Electric power industry" - 11th position.

In 2015, the university passed institutional and specialized accreditation for 8 programs in the IAAR. The educational programs "Transport, transport equipment and technology", "Standardization, metrology, certification", "Agrarian technology and technology", "Automation and control", "Computing equipment and software" and "Agronomy" are accredited for 3 years, "Organization traffic, traffic and transport operation "and" Mashinostroenie" - for 5 years ([http://kineu.kz/akkredit siya /](http://kineu.kz/akkredit_siya/)).

In 2018, the university participated in the Atameken National Chamber of Entrepreneurs' ranking: 5B080600 Agrarian equipment and technology - 1st place, 5B080100 Agronomy - 2, 5B090100 Organization of traffic, traffic and transport operation - 3, 5B071200 Mechanical Engineering - 2, 5B073200 Standardization and certification (by branches) - 3, 5B070400 Computers and software - 5, 5B070200 Automation and control - 6, 5B071300 Transport, transport equipment and technologies - 7, 5B090900 Logistics (by branches) - 7, 5B071700 Heat and power engineering - 8.

Since 2012, the library KEEU named after M. Dulatova has access to the international full-text resources of Thomson Reuters "Web of Knowledge", the databases "Science Direct" and "Scopus".

The University annually hosts international scientific and practical conferences with the participation of leading experts, scientists from universities and abroad.

The development of international cooperation is actively supported. The university has concluded 28 agreements on cooperation in the field of science and education with foreign universities and organizations, including Weihenstephan-Triesdorf University (Germany, Freising), Caucasus International University (Georgia, Tbilisi), and others



#### **(IV) DESCRIPTION OF PREVIOUS ACCREDITATION PROCEDURE**

In accordance with the order of the Independent Agency for Accreditation and Rating No. 29-15-OD dated November 16, 2015, educational programs 5B071300- “Transport, transport equipment and technology”, 5B080100- “Agronomy”, 5B080600- “Agricultural machinery and technology” passed previous accreditation in 2015 and were accredited for 3 (three) years. The visit of the WEC took place from November 18 to November 20, 2015 in accordance with the standards of the specialized accreditation of the IAAR (dated April 26, 2012 No. 08-OD, second edition).

The educational program 5B090900 - “Logistics (by industry)” is being accredited by the IAAR for the first time.

***The composition of the previous EEC in KEEU named after M.Dulatov:***

1) Chairman of the Commission - Vladimir N. Kosov, Doctor of Physics and Mathematics, Professor, Kazakh National Pedagogical University. Abaya.

2) Foreign expert - Petr Hajek, PhD, professor of the Central Bohemian University (Prague, Czech Republic);

3) Expert - Turtkaraeva Gulnara Bayanovna, Candidate of Pedagogical Sciences, Associate Professor, Kokshetau State University named after Sh. Ualikhanov (institutional);

4) Expert - Shemidin Khamraev Itahunovich, Ph.D., associate professor, Abai Kazakh National Pedagogical University (cluster 1);

5) Expert - Sembaev Nurbolat Sakenovich, Ph.D., Pavlodar State University. S. Toraiyrov (1 cluster);

6) Expert - Saude Salimzhanovna Aldabergenova, MD, Kazakh Agrotechnical University. S.Seifullin (cluster 2);

7) Expert - Akhmedyanov Abdulla Ugubayevich, Ph.D., Associate Professor, Eurasian National University. L.N. Gumilyov (cluster 2);

8) Employer - Ludmila Y. Olkinyan, Director of the Center for Training and Development of Personnel of Agromash Holding JSC and Saryarka AvtoProm LLP (Kostanay);

9) Student - Abilnasirova Symbat Adilbekkyzy, 3rd year student of the Eurasian National University. L.N. Gumilyov;

10) The Agency Observer - Timur Kanapyanov, Head of Agency International Projects (Astana).

## **RECOMMENDATIONS OF THE UNIVERSITY IN THE FRAMEWORK OF THE PREVIOUS ACCREDITATION PROCEDURE**

### **EEC on specialized accreditation of educational programs 5B080600 “Agricultural machinery and technology”, 5B080100 “Agronomy” recommends:**

- improve the involvement of subjects of the educational process in the design of the content of EP;
- to intensify cooperation with domestic and foreign universities that implement similar educational programs;
- develop a risk assessment mechanism for the implementation of educational programs;
- to intensify work on cooperation with leading universities of the Republic of Kazakhstan and foreign universities in the framework of joint research and harmonization of educational programs;
- to systematize and intensify the use of innovative technologies in the educational process, to ensure the development of their own educational technologies;
- to carry out work to ensure the continuity of the content of the accredited educational institutions at the university (opening level 2 of training - Master's);
- step up work on the development of academic mobility of teaching staff;- to work out mechanisms to stimulate the professional and personal development of faculty and staff;
- to provide purposeful work on the publication of scientific articles of faculty members in journals with impact factor in the databases of "Thompson Reuters" and "Scopus";
- to systematize the work on the advanced training of teaching staff in production and specialization;
- to carry out work on the creation of an association of university graduates;
- to strengthen the work on the implementation of internal and external academic mobility of students;
- to intensify the participation of students in research;
- on a system basis, continue to equip the material and technical base with modern equipment for OP 5B080600 “Agrarian equipment and technology”, 5B073200 “Standardization, certification and metrology” (by branches), 5B080100 “Agronomy”;
- to intensify the annual graduation of the faculty of scientific and educational literature to provide elective courses in EP.

### **The EEC on specialized accreditation of educational programs 5B071300 - “Transport, transport equipment and technology” recommends:**

*In order to improve the management of educational programs, the Commission recommends:*

1. To analyze the compliance of the development plan of educational programs with the current University Development Strategy and, on the basis of the data obtained, improve the development plans of accredited educational programs, step up work on analyzing the success of educational programs with subsequent corrective actions;
2. To assess the risks of the development of the educational program in full compliance with the University’s Development Strategy and to develop a mechanism for their reduction;
3. To strengthen the further development of cooperation with domestic and foreign universities that implement similar educational programs.

*In order to improve the specifics of educational programs, the Commission recommends:*

1. To provide for the implementation of the process of diagnosing students' knowledge at the beginning of training in EP or a separate academic discipline;
2. To consider the possibilities of organizing dual education at senior courses and the implementation of joint EPs with other institutions of higher education.
3. Ensure the continuity of the content of educational programs at various levels..

*In order to improve the quality and effectiveness of teaching, the Commission recommends:*

1. It is necessary to organize advanced training courses or training seminars on planning

learning outcomes for educational programs and implementing the basic principles of the Bologna process.

2. Strengthen the work on the development of academic mobility, advanced training of teaching staff, attracting the best foreign and domestic teachers and conducting joint research in the implementation of accredited educational programs;
3. To take measures to encourage young teachers to participate in academic mobility programs, Bolashak, conferences at all levels, competitions, research projects, etc., the development of mentoring;
4. It is necessary to intensify the work of the department teachers in publishing articles in journals with non-zero impact factor on the basis of Thomson-R, Scopus.

***In order to meet the needs of students, the Commission recommends:***

5. Strengthen the work on attracting students to research and develop mechanisms for the implementation of the program of support for gifted students;
6. To envisage the possibility of continuing education in the educational programs of the magistracy and further education;
7. It is necessary to provide opportunities for professional certification of students in the process of learning at the university..

***In order to improve the resources available to the OP, the Commission recommends:***

8. It is necessary to develop programs for the development of educational and scientific laboratories and create conditions for the development of research teams with the involvement of various enterprises financed contractual topics;
9. Develop a system of organizing seminars on topical issues of disciplines of educational programs with the involvement of corporate partners;

To continue the practice of updating the educational process with modern software products and the book fund of the university library in the state language in accordance with modern requirements.

Post-monitoring monitoring of the assessment of the implementation of the recommendations of the EEC of the IAAR, formed according to the results of specialized accreditation of educational programs 5B080100- "Agronomy", 5B080600- "Agricultural machinery and technology", 5B071300 - "Transport, transport equipment and technologies" by the IAAR expert group was held in Kostanay engineering and economics University named after them. M. Dulatova October 24, 2018.

**The post-monitoring control established that, following the recommendations of the EEC, the following work was carried out on EP 5B080100- "Agronomy", 5B080600- "Agricultural machinery and technology":**

***- to improve the activity of attracting subjects of the educational process to the design of the contents of EP.***

As the expert group on assessing the implementation of the recommendations of the EEC IAAR (dated October 24, 2018) already noted, from the direction of the KEEU leaders for the event were involved managers and specialists of Kostanay region enterprises, as Agromash Holding JSC, Ivolga Holding LLC Caspian Steel, Baltic Control Kazakhstan LLP.

In general, this recommendation is being implemented at a sufficient level..

***- intensify cooperation with domestic and foreign universities that implement similar educational programs:***

In order to enhance cooperation with foreign universities that implement similar educational programs, KEEU works with the following universities / research organizations: Autonomous non-profit organization Kazan Cooperative Institute of the Russian University; GOU VPO "Moscow State Regional Humanitarian Institute"; "Humanitarian and Technical Academy of Kokshetau"; NC "Innovative University of Eurasia"; Kazan Cooperative Institute of the Russian University of Cooperation; "Kazakh University of Communications"; "Kazakh University of Technology and Business"; KSU them. A. Baitursynov; NIGHT OF HPE "Ural

Institute of the Stock Market"; "Taraz Technical University"; PI RK "Institute of Partner and Business".

This recommendation is being implemented, but not at a sufficient level..

**- develop a risk assessment mechanism for the implementation of educational programs:**

In order to develop a risk assessment mechanism for the implementation of educational programs in all departments, EP development plans have been developed, which detail risk assessment mechanisms for EP implementation with timelines and responsibilities, for each measure to reduce the impact of risks for this educational program. This recommendation is being implemented, but not at a sufficient level. Information is available only in the development plan of the OP.

**- to step up work on cooperation with leading universities of the Republic of Kazakhstan and foreign universities in the framework of joint research and harmonization of educational programs:**

This recommendation is being implemented at a sufficient level; there are partners, both foreign and domestic.

**- systematize and intensify the use of innovative technologies in the educational process, ensure the development of their own educational technologies:**

To implement this recommendation, the teaching staff of the EP actively uses innovative methods and forms of education in the learning process and pays great attention to the introduction of modern teaching methods and means of cognitive activation of students.

In the framework of the European project "Tempus 544601-TEMPUS-1-2013-1-DE-TEMPUS-SMGR" Implementation of a quality management system in the field of e-learning in universities of Central Asia (QAMEL) " life activity "in the Adobe Captivate system - one of the e-learning scenarios. K.S.-H.N., Associate Professor Eseeva G.K. professionally conducts the organization of independent work of students in the studied disciplines "Biotechnology of agricultural plants" and "Biology" through directed scientific work. Senior teacher Zhamalova D.B. skillfully uses in the preparation of specialists ecological culture as a factor of readiness for the graduate's professional activity. The senior teacher Nazarova ZH.ZH. improves the methods of teaching agricultural disciplines during laboratory and practical classes using the multimedia complex by developing slides, presentations, etc. On the basis of the existing agreement on the organization of a branch of the department in production in LLP "Saryarka AvtoProm", in LLP "AgromashHolding" conducted practical exercises.

In general, this recommendation is being implemented at a sufficient level..

**- to work on ensuring continuity of accredited educational institutions in a higher education institution (opening level 2 of training - Master's).**

A package of documents was prepared at KEEU and an application was submitted for obtaining a license for the opening of a magistracy only in one specialty 6M071200 "Mechanical Engineering".

According to this recommendation, there is a dynamic, it is also necessary to submit an application for obtaining a license for other accredited EPs..

**- step up work on the development of academic mobility of teaching staff.**

The work on the development of academic mobility of teaching staff is currently determined by internships and short-term lectures.

The faculty members of KEEU traveled to the Kazakh Transport University, Almaty, Innovative University of Eurasia (Pavlodar) to give lectures as part of the academic mobility program.

At the same time, the above-mentioned business trips are only of the nature of internships and exchange of experience, therefore it is necessary that cooperation agreements, as well as joint research, be the results of cooperation.

In general, this recommendation is being implemented at a sufficient level..

**- develop mechanisms to stimulate the professional and personal development of faculty and staff.**



For this event, the university has developed, implemented and fully functioning a new rating system for faculty and university staff.

**- to provide purposeful work on the publication of scientific articles of faculty members in journals with impact factor in the databases "Thompson Reuters" and "Scopus".**

In order to ensure purposeful work on the publication of scientific articles of faculty members in journals with a non-zero impact factor, the department has well-established links for international cooperation with leading universities in the near abroad, contracts have been concluded for the publication of articles in the journal Thomson-Reuters

Also, faculty members work closely with leading educational institutions of the republic and neighboring countries. This contributes to the generation of scientific ideas, the study of international experience, which ultimately leads to an improvement in the quality of education.

In general, the recommendation is partially implemented at a sufficient level..

**- systematize the work on the advanced training of teaching staff in production and specialization.**

The university created the conditions for advanced training and internships for teaching staff at the enterprises of the city and region. The university has agreements on cooperation with leading industrial organizations in the region, including on advanced training.

In general, this recommendation is being implemented at a sufficient level..

**- to work on the creation of an alumni association.**

For this purpose, the Union of Alumni of KEEU created a public association at KEEU, convened for the purpose of carrying out activities defined by a community of interests aimed at uniting the interests of university graduates.

In general, this recommendation is being implemented at a sufficient level..

**- strengthen the work on the implementation of internal and external academic mobility of students.**

Recommendation at the implementation stage and additionally it is required to conclude an agreement for the implementation of academic mobility with other universities of the Republic of Kazakhstan and abroad.

**- increase the participation of students in research.**

Students of educational programs participate in high school and republican competitions of scientific works. Students have publications jointly with teachers, as well as in individual student collections, during the analyzed period there were about 30 publications. The university has a positive trend in the number of student publications in various publications. This is facilitated by the involvement of students to participate in the research and contractual work.

The results of NIRS are presented with diplomas and certificates, as well as published materials of scientific conferences, scientific journals.

In general, there is a positive trend in attracting students to research and development and this recommendation is being implemented at a sufficient level.

**- on a systemic basis, continue to equip the material and technical base with modern equipment for OP 5B080600 "Agrarian equipment and technology", 5B080100 "Agronomy".**

The material and technical base of OP 5B080100 "Agronomy" is represented by 5 fixed laboratories and one specialized cabinet.

In order to strengthen the material and technical base, the staff of the Department of Standardization and Food Technologies regularly replenishes the laboratory fund with chemical utensils, reagents, technological equipment, educational information posters, sheaves and mock-ups. One of the important indicators noted in the strategic development plan of the department is the preparation of laboratories "Examination of the quality of grain and grain products" (309 "B") for certification. An application for the purchase of equipment was organized and filed: an express analyzer for the integrated assessment of grain products, a set of equipment for the integrated heat treatment of raw materials and semi-finished products as part of the GPIID. In the future, the organization of the laboratory "Determining the quality of seed material" and "Mini Confectionery shop." Also an application was submitted for the purchase of a set of equipment

for the integrated heat treatment of raw materials for OP 5B080600 "Agricultural machinery and technology"

Recommendation at the implementation stage and additional equipment is required to equip the material and technical base with modern equipment.

*- to intensify the annual release of the teaching staff of the scientific and educational literature for the provision of elective courses in OP.*

According to the plan of publishing methodological developments of the departments, the work on the preparation of teaching materials in the state language of instruction has been strengthened.

The departments conduct a great deal of work to ensure the educational process with all the regulated documents. Educational and methodological support in the departments, is developed in accordance with the disciplines assigned to them. The publication plan of the departments is carried out in a timely manner.

The fund of educational, methodical and scientific literature in the state language was updated and supplemented. Developed 5 teaching aids in the disciplines "Heat Engineering", "Machine Graphics", "Integrated Use of Water Resources", "Machinery Use in Agriculture", "Otyñ Maylaytyn materialdar zane tekhnikilyuyytar", an electronic training - methodical complex "Jerge Ornament" was developed .

Among the normative and methodological developments carried out at the university, the developments of the Technical Committee on Standardization 44 Technologist (Chairman of the Candidate of Agricultural Sciences Muratov AA) gained great relevance and relevance.

In general, the recommendation has been implemented at a sufficient level.

**The post-monitoring control found that, following the recommendations of the EEC, the following work was carried out on EP 5B071300 - "Transport, transport equipment and technology":**

*- to analyze the compliance of the development plan of educational programs with the current University Development Strategy and, on the basis of the data obtained, improve the development plans of accredited educational programs, step up work on analyzing the success of educational programs with subsequent corrective actions;*

The main risks have been identified in accordance with the Development Strategy of the KEEU them. M. Dulatov. Improved plans for the development of educational programs through the introduction of new learning paths, corresponding to the plans for the development of educational programs and the current University Development Strategy. The plans for the development of the OP identified measures to reduce the impact of risks for the OP.

This recommendation is fully implemented.

*- conduct an assessment of the risks of developing an educational program in full compliance with the University's Development Strategy and develop a mechanism for reducing them.*

A SWOT analysis was conducted in the preparation of annual risk management plans (as part of operational planning), the result is reflected in the development plans of the EP for accredited specialties. The main risks for the implementation of EP 5B071300- "Transport, transport equipment and technology" for the 2018-2019 school year are: reduction of the contingent, weakening of the personnel potential, and decrease in the prestige of engineering.

The results of the analysis influenced the following processes of the development of OP:

- changing learning paths;
- improvement of educational programs with market needs;
- increasing the attractiveness of the EP in accordance with the requirements of the regional economy;
- improving customer feedback, increasing employment rates, etc.

Also, an educational center for preparation for KTA was created at KEEU; two tripartite agreements on cooperation in the implementation of the dual education system were signed for competition in the educational services market (Chamber of Entrepreneurs of Kostanay Region,



ChU Kostanay Engineering and Economic University named after M. Dulatov, Saryarka AvtoProm LLP) , (Chamber of Entrepreneurs of Kostanay region, ChU Kostanay Engineering and Economic University named after M. Dulatov, AO KF "Agromashholding".

This recommendation is fully implemented..

***– strengthen the further development of cooperation with domestic and foreign universities that implement similar educational programs.***

Organizational and methodological work was carried out to strengthen the further development of cooperation with domestic and foreign universities that implement similar educational programs, in particular, with the Kazakh Academy of Transport and Communications named after them. M. Tynyshpayev ", Kostanay State University. A. Baitursynov. In the framework of this work, on the basis of the magistracy of the department "Software" KSU them. A. Baitursynov conducts training of masters of engineering and technology according to SP "Technological machines and equipment", the trajectory of training "Mechatronics". Also concluded agreements on joint cooperation with KazATK them. M. Tynyshpayev, Kups.

This recommendation is fully implemented.

***– provide for the implementation of the process of diagnosing students' knowledge at the beginning of training in EP or a separate academic discipline.***

The process of diagnosing students' knowledge at the beginning of training in a separate discipline is provided for by the rules "On conducting current, mid-term, rating monitoring of progress, intermediate and final certification of students (bachelor degree)". The process of diagnosing students' knowledge at the beginning of training involves the assessment of students' knowledge and skills based on the material and each discipline after college or school. In order to ensure regular and conscientious diagnostics of students' knowledge of EP at the University, assess the effectiveness and efficiency of their independent work, identify students who do not follow the schedule of the educational process (lagging behind) and terminate their studies, students are monitored for each student Birmingham academic discipline, and includes control of knowledge on the curricular and extracurricular classes. This recommendation is fully implemented.

***– consider the possibilities of organizing dual education at senior courses and the implementation of joint EPs with other institutions of higher education.***

Under the educational program 5B071300- "Transport, transport equipment and technologies", practical training with elements of dual training technology in major disciplines was organized on the basis of Agromashholding JSC, SaryarkaAvtoprom LLP in the following disciplines: "Fundamentals of production technology and repair of transport equipment", "Fundamentals of the device vehicles."

In general, this recommendation is being implemented at a sufficient level.

***– it is necessary to organize advanced training courses or training seminars on planning learning outcomes for educational programs and implementing the basic principles of the Bologna process.***

As part of the organization of advanced training courses, training seminars have been planned and conducted at enterprises and organizations of the city of Kostanay. Also widely practiced staff training within the university. University forces organize training seminars for faculty and staff:

- from October 26 to December 5, 2016, the course "Technical Basics of the Development of Electronic Educational Resources" was held;

- theoretical and practical course "Basics of the development of electronic educational resources" was conducted in the period from January 9 to January 13, 2016;

- theoretical and practical course "Basics of development of electronic educational resources" was conducted by the Center for distance learning (09.01. - 10.02.2017);

from 09 to 20 April 2018 for all employees of the University was held a seminar " Modern office work and topical issues of documentation in educational institutions."

- The University conducts systematic work on training and retraining of personnel and improving their skills. All processes of professional development are carried out according to the procedure "PRO Kineu 602-12 advanced training of teaching staff", which was developed for the purpose of continuous professional development of the teaching staff of the University. All work under this procedure is controlled by heads of departments and Deputy rector for personnel.

Within the decade of the Department "Transport and service" held a training seminar "Formation of professional readiness of students majoring 5B071300 - "Transport, transport equipment and technology".

Also, at the Department of "Transport and service", organized and conducted courses of working specialties "Conductor of passenger cars", "Assistant duty station".

In General, the recommendation is to Keeu them. M. dulatova implemented at a sufficient level.

***- to strengthen the work on the development of academic mobility, professional development of teaching staff, attracting the best foreign and domestic teachers and conducting joint research in the implementation of accredited educational programs.***

In Keeu them.M Dulatov on the accredited OP work on development of academic mobility, professional development of PPP, attraction of the best foreign and domestic teachers and carrying out joint researches at implementation of the accredited educational programs, in particular passing of academic mobility of PPP at the Kazakh University of ways of communication (Almaty) associate Professor Zhunusov K. M.

The passage of academic mobility of teaching staff of the chair "Transport and service" Baganov N. A. In the Kazakh University of railway, Almaty, on the subject "Grooveline" in the first semester of 2016-2017. Orazalin A. A., In Innovative University of Eurasia Pavlodar on the subject "Railway stations and nodes", in the second semester of 2016-2017. Academic mobility of teaching staff is determined at the moment the trainings and reading the short lectures. In General, the recommendation is implemented, but it is necessary to intensify the activities of the University on academic mobility of teaching staff in particular external academic mobility.

***- take measures to encourage young teachers to participate in academic mobility programs, Bolashak, conferences at all levels, competitions, research projects, etc., the development of mentoring.***

In order to encourage teachers to participate in academic mobility programs, research projects and conferences, the international Department of the University conducts introductory and explanatory work on possible foreign and national internships, training, grants, competitions, etc., with further assistance in the documentary support of these programs.

Since 2017, the regulation "on the system of key performance indicators of the teaching staff" has been changed, which clearly prescribes the rating system aimed at encouraging teaching staff to participate in academic mobility programs, Bolashak, conferences of all levels, competitions, research projects, etc.

In General, the recommendation is implemented, but it is necessary to intensify the activities of the University to participate in academic mobility programs and in particular Bolashak.

***- it is necessary to activate the work of teachers of the Department to publish articles in journals with non-zero impact factor on the basis of Thomson-R, Scopus.***

In order to provide purposeful work on the publication of scientific articles in journals with non-zero impact factor, the Department has established relations on international cooperation with leading universities of the near abroad, signed a contract for the publication of articles in the journal Thomson-Reuters. Also PPP OP closely cooperate with leading educational institutions of the Republic and neighboring countries. This contributes to the generation of scientific ideas, the study of international experience, which ultimately leads to an improvement in the quality of education.

In order to ensure focused work of the faculty on the accredited OP on the publication of scientific articles in journals with nonzero impact factor, Ph. D. of the Department "Transport

and service" by Baranovym N.. in collaboration with Bechtold, T. G. and Kuhar V. S. published the article "Ignition system element service life influence on the parameters of waste gas toxicity among modern vehicles with petrol engines", in the journal "Journal of engineering and applied sciences".

Also, according to the Regulations on the system of key performance indicators of the teaching staff for the publication of scientific articles in journals with non-zero impact factor on the basis of Thomson-R, Scopus teachers added 500 points, which is a stimulating factor in the activation of scientific work on the publication of these articles.

In General, the recommendation is partially implemented at a sufficient level.

***– strengthen the work to attract students to research and develop mechanisms for the implementation of the program to support gifted students.***

Students of educational programs participate in University and national competitions of scientific works. Students have publications together with teachers, and in separate, student collections, for the analyzed period there were about 30 publications. In the University there is a positive dynamics of the number of student publications in various publications. This contributes to the involvement of students to participate in research contractual work. NIRS results are presented by diplomas and certificates, as well as published materials of scientific conferences and scientific publications.

On April 5-6, 2017 in Almaty, on the basis of the Kazakh Academy of transport and communications, the IX Republican subject Olympiad among students of universities of Kazakhstan on specialties 5B090900 "logistics" was held, in which the 2nd year student Kirill Pivovarov took the prize 3rd place, 5B090100 - organization of transportation, traffic and operation of transport - 3rd year student Yerbolat Begezhanov took the prize 3rd place. Ilya Kataev was awarded a certificate for active participation.

One of the most important indicators of NIRS is the number of student publications. Students published as co-teachers, and in individual student journals. The results of research activities of students are reflected in the annual reports on research in the MES, discussed at meetings of the Academic Council of the University, rector. So from the reports of research it is clear that in 2016 the share of participating students involved in research was 6 %, and in 2017 – 9 %.

In General, there is a positive trend to attract students to research and this recommendation is implemented at a sufficient level.

***– it is necessary to provide opportunities for professional certification of students in the process of studying at the University.***

The University has a program of professional certification of students in the process of training at the University: "ARENA MULTIMEDIA", "ARTESN ENGLISH" International scientific and educational center of computer technology "ARTESN-Kineu", 1C on knowledge of the basic mechanisms of the platform "1C: Enterprise 8".

On the basis of the University courses "Conductor of passenger cars", organized and conducted courses of working specialties "Conductor of passenger cars", "Assistant duty station" for students majoring 5B090100 - "organization of transport, traffic and operation of transport."

In General, this recommendation is being implemented at a sufficient level.

***– it is necessary to develop programs for the development of educational and scientific laboratories and create conditions for the development of research teams with the involvement of funded contractual topics of various enterprises.***

At the Department of "Transport and service" made changes to the program of development of educational and scientific laboratories in particular laboratory 107V "Organization of train traffic" should be equipped with a valid layout of the cargo yard.

Laboratory 105 V "Diagnostics and testing of power plants" should be supplemented with a brake stand to the engine. Applications for appropriate equipment have been submitted.

In General, this recommendation is being implemented at a sufficient level.

*– to continue the practice of updating the educational process with modern software products and the book Fund of the University library in the state language in accordance with modern requirements.*

The book Fund, as well as the Fund of electronic publications is replenished and updated on a regular basis with publications in Russian, Kazakh and English.

In General, this recommendation is being implemented at a sufficient level.

The analysis conducted by the experts showed that, in General, according to the recommendations given by the EEC in respect of accredited educational programs, there is a good positive dynamics. The measures and actions taken by the University contribute to improving the quality of the educational process and the implementation of educational programs, positive trends in the development of mobility of students, expansion of creative relationships, support of young teachers and the development of the research component of the OP.

At the same time, the Commission believes that under the accredited OP 5B080100 - "agronomy", 5B080600 - "agricultural machinery and technology" it is necessary to intensify cooperation with domestic and foreign universities implementing similar educational programs, to develop a mechanism for risk assessment in the implementation of educational programs, to work to ensure the continuity of the content of accredited OP (opening 2 levels of training-master's degree), to strengthen the work on the implementation of internal and external academic mobility of students, also on a systematic basis to continue equipping-technical base with modern equipment. These recommendations have been partially implemented and require further elaboration and implementation.

According to the accredited OP 5B071300 - "Transport, transport equipment and technology" it is necessary to strengthen the work on the development of academic mobility, professional development of teaching staff, attract the best foreign and domestic teachers and conduct joint research, take measures to encourage young teachers to participate in academic mobility programs, Bolashak, conferences of all levels, competitions, research projects, etc., the development of mentoring. These recommendations have been partially implemented and require further development and implementation.

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

The work of the EEC was carried out on the basis of the approved Program of the visit of the expert committee on institutional accreditation of Kostanay Engineering and Economic University. M. Dulatova in the period from 11 to 13 December 2018.

In order to coordinate the work of the EEC on 10/12/2018, an orientation meeting was held, during which powers were distributed among the members of the commission, the schedule of the visit was clarified, and agreement was reached on the choice of examination methods.

In accordance with the requirements of the standards, the visit program covered meetings with the rector, vice-rectors, heads of departments, deans, heads of university departments, teachers, students, graduates, employers and staff from various departments, interviewing and questioning teachers and students. A total of 227 people took part in the meetings (table 1).

**Information about employees and students who participated in meetings with the EEC IAAR:**

Category of participants	Amount
Rector	1
Vice Rector	4



Heads of departments	15
Faculty Deans	3
Heads of Chairs	7
Teachers	49
Students, masters, doctoral students	83
Graduates	43
Employers	22
Total	227

EEC members attended training sessions:

- on discipline "Designing agricultural machines with CAD elements", the theme of "Design Assembly two-stage reduction gear", 2 course, specialty "5V080600-agricultural engineering and technology", senior lecturer - Ph. D., Cherkasov, Y. B. (room 118, building b);
- on discipline "Agriculture", theme " Zero, minimum tillage. Agronomic evaluation", the 3rd course, specialty "5B080100-agronomy", the teacher -Dukaeva A. K. (room 201, building And);
- in the discipline "Logistics of transport systems", "Analysis of technical and economic indicators of work of a warehouse", 4th course, specialty "5B090900-logistics (by industry)", lecturer - senior lecturer A. A. Shevtsova (аудитория111/1, the case In);
- on the subject "CLK aldary," theme "CLK Aldrin Padalino and technical Ismet Cretu", 2 course, specialty "5B071300-Transport, transport technics and technologies", senior lecturer Kalmyks E. B. (room 114, building b);

During the tour, the members of the EEC got acquainted with the state of the material and technical base, visited the conference hall, Kineu library, Assembly hall, sports complex, laboratories of Internet technologies of distance learning, computer classes, international scientific and educational center of computer technologies "ARTESN-Kineu", training laboratory "Accountant of the company + 1C", laboratory "technology of confectionery production" (mini-shop), laboratory "Mechanics of liquid and gas", laboratory " electronics and basics of microprocessor technology, networks and telecommunications», laboratory "health And safety", office "descriptive geometry and engineering graphics", laboratory: "Chemistry", "Standardization and certification", laboratory "technology of storage and processing of grain", "machine Parts and lifting and transport mechanisms", "Electric machines", "Organization of train traffic", "Technological processes of machine-building production", "heat Supply and energy-saving technologies", "Theoretical foundations of electrical engineering", "Modeling of technological processes".

The activities planned within the framework of the visit of the EEC IAAR contributed to the familiarization of experts with the bases of practices. The expert group visited LLP "Saryarkaavtoprom" - a domestic automaker, the only plant in Kazakhstan that meets the requirements of industrial Assembly, in which operations are performed on welding, painting and Assembly of the car body. The line of products today is represented by the following brands: JAC, Peugeot, IVECO, ANKAI, Hyundai, Ravon, Chevrolet Niva. On the basis of this company operates a branch of the Department " Transport and service».

The expert group also visited LLP "AVIS logistics", met with leader Leonid G. Jurkowski. The company is engaged in Express delivery of mail, parcels, flowers around the world, also provides courier services and transportation. The company's management is actively involved in

the activities of Kineu, conduct open lectures for students, takes part in the development of OP. Students have the opportunity to take a paid work placement in the company.

The experts visited Kostanay research Institute of agriculture LLP, which is a scientific center for the study and development of new saving technologies by farmers. On the basis of this enterprise there is a branch of the Department "Standardization and food technologies".

In accordance with the accreditation procedure, 47 teachers and 85 students were surveyed, including Junior and senior students.

In order to confirm the information provided in the self-assessment Report, the University's working documentation was requested and analysed by external experts. Along with this, the experts studied the Internet positioning of the University through the official website of the University <http://kineu.kz>.

All conditions were created for the work of the century, access to all necessary information resources was organized. On the part of the Kineu team, the presence of all persons specified in the program of the visit was ensured, in compliance with the established time period.

In the framework of the planned program recommendations for improving the activities of University's students, developed a century based on the assessment results, was presented at a meeting with the leadership 13.12.2018.

## **(VI) THE STANDARDS OF SPECIALIZED ACCREDITATION**

### **6.1. Standard " educational program Management»**

#### **Evidence part**

In Kostanay engineering and economic University named after M. Dulatov training is implemented in accordance with the State license for educational activities №12020748 from 05.11.2012, issued by the Committee for control in the field of education and science of the Republic of Kazakhstan. Training of specialists is carried out according to the Classifier of specialties of higher and postgraduate education of Kazakhstan on full-time and distance learning.

The University has a published quality assurance policy (QA). <https://kineu.kz/politika-v-oblasti-kachestva/>) approved by the scientific Council of Kineu (Protocol No. 11 of 28 August 2018).

Implementation and development of accredited programs is determined, first of all, by the mission, vision, development strategy of the University (<https://kineu.kz/istoriya-vuza/>), as well as Plans for the development of educational programs.

Mission Kineu them. M. dulatova: we provide education through meeting the needs of society and business in competitive specialists for innovative development of the region, as well as strengthening corporate and international relations, developing and supporting entrepreneurial thinking.

Vision. The formation of Kineu entrepreneurial, socially responsible University.

The main strategic directions of development of educational programs of the University are defined In the strategic plan of Kineu. M. dulatova for 2014-2020

The University has identified the following strategic development priorities:

- quality assurance of higher and postgraduate education;
- transformation of the University into a socio-entrepreneurial University through the integration of education, science and business;
- improvement of the University management system;
- development and realization of youth potential in the interests of the country.

The strategy of development of Kineu is presented on the website (<https://kineu.kz/wp-content/uploads/2018/11/strategicheskii-plan-kineu-update.pdf>), where the vision of the University development is formed and consolidated.

In Kineu for functioning of mechanisms of formation and regular revision of the plan of



development of OP and monitoring of its implementation, an assessment of achievement of the purposes of training, compliance to needs of trained, employers and society, the decision-making directed on continuous improvement of OP there are a number of the provision approved by the decision of Scientific Council and Educational and methodical Council (table 1).

**Table 1 - Regulations Of Keeu**

<b>№</b>	<b>Name</b>	<b>Publication date</b>
1	Regulations on monitoring the quality of educational programs	UMS of the University Protocol № 12 of the city 25.06.2018
2	Regulations on carrying out the current, boundary, rating control of progress, intermediate and final certification of students	The decision Protocol No. 3 of 27.11.2018
3	Regulation on the system of key performance indicators/ activities of the teaching staff	The decision Protocol No. 6 of 27.02.2018.
4	Regulations on checking for plagiarism of written works of students at the University using the system " Antiplagiat»	UMS of the University Protocol № 5 dated 27.11. 2017
5	Regulations on the development of educational programs	UMS University Protocol № 8 from 27.03. 017
6	Regulations on the development of the catalog of elective disciplines	UMS of the University Protocol № 8 from 27.03.2017
7	Regulation on the order of credit transfer ECTS	UMS of the University Protocol № 6 from 25.12.2017
8	Regulations on academic mobility of students, undergraduates and teachers	UMS of the University Protocol № 6 from 25.12.2017
9	Regulations on the appeal Commission of students	UMS of the University Protocol № 6 from 25.12.2017

The management of the OP involves representatives of employers in determining the directions of development of educational programs and their management.

At the University level, collegial bodies considering the development of educational programs are the Board of Trustees, the Academic Council and the educational and methodical Council. The Board of Trustees consists of representatives of business structures, the educational sphere and the student community.

Educational programs implemented in Kineu are aimed at meeting the needs of employers, stakeholders and students. This is confirmed by the fact that all interested persons participate in the development and examination of educational programs.

The quality of training of graduates of the Department is evaluated by employers through feedback. In order to assess the satisfaction of employers with the quality of training of graduates of accredited OP once a year, the collection and analysis of questionnaires on the quality of training is carried out. The survey is conducted among the heads of enterprises( and their departments), which are the main consumers of graduates of the survey.

To manage business processes, the University is guided by ECTS standards and directives and uses a quality management System that meets the requirements of international standards. To support the main business processes in the University developed a set of internal regulatory documents regulating the implementation of accredited OP.

To develop and regularly adjust the OP, the University has a Committee for the development of educational programs (approved by the UMS of the University from 24.10.2015, Protocol No. 3), the administration of the educational process is carried out by the faculty.

Kostanay engineering and economic University named after M. Dulatov provides effective functioning of the system of information and feedback with the University, communication channels with employers, parents and stakeholders:

- official website of the University;
- rector's blog;
- official pages of the University in social networks;
- local media;
- WhatsApp information channel.

The University website contains information about faculties and departments, contact details of heads of structural units (<https://kineu.kz/kontakty/>).

### **Analytical part**

However, the following issues relating to this standard are not fully reflected in the self-report and were not confirmed during the visit of the EEC.

The EEC Commission notes that the quality Policy does not reflect the link between research, teaching and learning. It also does not reflect the uniqueness of the University and its competitive advantages over other universities. In this regard, the Commission recommends that a set of activities be undertaken to update and disseminate the internal quality Policy, reflecting the University's identity.

EEC notes that the uniqueness and advantage of OP 5B09090900-"logistics (by industry)" over similar educational programs of other universities is not sufficiently confirmed.

Also, the experts were convinced that the analysis and comparison of accredited educational programs with similar programs at the national and international levels in order to identify the strengths and weaknesses of their own programs is not carried out, this opinion was confirmed during the interview of the heads of the OP and in the analysis of the submitted documentation.

The analysis of the documents submitted to the Commission shows that not all heads of structural divisions have Certificates on passing of courses "Management in education", "risk Management". In this regard, it is recommended to conduct training of heads of departments and educational programs in the field of risk management.

However, the Commission notes the availability of the publication of the mission, strategy and policy of quality assurance in the public domain on the website of the University.

*According to the results of the survey TS:*

- 6,4% are dissatisfied with the promotion of innovative activities PPP;
- 6.4 % low estimate the perception of management and administration of the University criticism;
- 53.2 % satisfied with the feedback of PPP with management;
- 46.8 % highly appreciate the support of the University and its leadership in the development of new educational programs.

*According to the results of the survey the level of availability and responsiveness of the University management "fully satisfied" - 87.1%, "partially satisfied" - 11.8% of students.*

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

- orientation of educational programs to meet the needs of employers, stakeholders and students;
- availability of information systems that accompany the educational process for accredited educational programs.

**EEC recommendations for OP 5B071300 - "Transport, transport equipment and**

technologies", 5B080100 - "agronomy", 5B080600 - "agricultural machinery and technology", 5B090900 - "logistics (by industry)»:

1. To carry out a set of measures to update and disseminate the Policy of internal quality assurance, reflecting the individuality of the University.

2. Conduct training of heads of departments and educational programs in the field of risk management, implement risk management at the level of structural units, processes and educational programs.

3. On an ongoing basis to analyze and compare accredited educational programs with similar programs at the national and international levels in order to identify the strengths and weaknesses of their own programs, as well as learn from the best practices of other universities.

**Conclusions of VEK on criteria of the standard "Management of the educational program" for OP 5B071300 - "Transport, transport equipment and technologies", 5B080100 - "agronomy", 5B080600 - "agrarian equipment and technology", 5B090900 - "logistics (on branches)": strong-5, satisfactory-9, requiring improvement-3.**

## **6.2. Standard "information Management and reporting»**

### **Evidence part**

The University has implemented information management processes, including collection and analysis. In the management of the main processes of the University (educational, methodical, scientific, educational), the following administrative documents are used: decisions of collegial management bodies (Educational and methodical Council, Academic Council, rector), orders of the rector and orders of Vice-rectors in the areas of activity, documents on students (orders for personnel, students, undergraduates), planning, analytical, reporting, financial and accounting documents, etc.

In all departments of the University records management is carried out in accordance with the approved nomenclature of cases, ensure the safety and archiving of documents. Responsibility for reporting to the Ministry of education and science of Kazakhstan and other departments on the activities of the University, the provision of public services, work with the Unified system of higher education management (ESUVO) is enshrined in the administrative documents of the rector.

The University has implemented the following information collection, analysis and management systems based on the use of modern information and communication technologies and software:

- Managing information in the framework of the official portal of the University <https://kineu.kz>. The portal provides information and communication to students, faculty, and other stakeholders. The site provides information on the management of educational, methodical, scientific, educational processes, there are web pages of individual departments: faculties, departments, personal pages of faculty members. Separate sections of the site are focused on different categories of users: applicants, students, masters, graduates and faculty. The site has a modern dynamic design, there is a blog of the rector, a news section with posted video content, there are representations of the University in social networks. The site is managed centrally. The head of marketing and communications Department is responsible for the content of the website.

- Management of information within AIS "Platonus" is in terms of interaction and discharge reporting for students in NUVO established software integration AIS "Platonus" with "ASU COLLEGE»;

- Developed by the University automated control system "ACS UNIVERSITY" is used to work with the contingent of students and is used by the selection Committee, deans, educational management, student office. Also of ASU, the UNIVERSITY used for the purpose of admission of students to exams and sessions comparison of tests for testing. Part of ASU UNIVERSITY includes the modules of "Entrant", the "Book orders", "office", "Ratings", "registration", "Dean"

and "computer-aided testing of knowledge." Experts note that the advantage of "ACS UNIVERSITY" are great opportunities for statistical analysis of information and monitoring of the quality of the educational process, including the current test control of progress and analysis of the results of the intermediate and final state certification of students; monitoring of compliance of educational programs with the requirements of SES, the completeness of their provision of educational and methodical complexes; monitoring of quality indicators of educational units.

- Student's personal Cabinet <http://cabinet.kineu.kz> includes academic calendar, guide-guide, links to the catalog of elective disciplines, a list of databases of practices in the field. Also in the personal account of the student there are information about the current progress of the student, about the results of exams, about the ratings and information about the payment by the student of training.

- Distance learning system developed by the University <http://do.kineu.kz> provides students with access to the resources of the electronic library, which stores electronic educational resources and teaching materials, as well as the system of webinars based on Adobe Connect technology.

Information management system library includes the library's website, electronic catalogue in the system "KABIS", access to library resources: RMEL (Republican interuniversity electronic library of Kazakhstan), the scientometric databases Web of Science Core Collection, Scopus, Russian science citation index eLibrary (Russian science citation index).

The University ensures the openness and availability of information to all stakeholders, as well as the existence of an existing mechanism of communication with students, employees and other stakeholders.

The information collected under this monitoring, in particular, takes into account:

- key performance indicators;
- availability of educational resources and support systems for students;
- employment and career growth of graduates.

Safety of information is provided by distribution of roles and functions in the used information systems (is); presence of the installed anti-virus programs; system administration of servers; system of backup on servers; restriction of access of physical persons to the room with servers; technical equipment of rooms with servers for safety of work.

The reporting system includes annual reports of structural units, reports on RW and RW, financial statements.

The system of collection, analysis and management of information Kineu named after M. dulatova is used to ensure the quality of implementation of the OP, which is confirmed by the relevant internal regulations.

The system of information and feedback is aimed at students and employees, and includes information stands at the departments, the functioning of the official website of the University in three languages.

The main forms of feedback are:

- direct mail of the rector in the form of boxes of complaints and suggestions placed in each academic building;
- feedback forms posted on the University website;
- rector's blog posted on the University website;
- survey of consumers of educational services and personnel.

Representatives of students who are members of the Academic Council, have the opportunity to make a complaint or claim directly at the meeting of the Academic Council and get an answer about the timing and methods of solving the problem.

Students and faculty, employers are involved in the process of collecting and analyzing information through questionnaires, interviews, and decision-making on their basis during the meetings of departments, faculty of UMC, UMC and Academic Council of the University.



### **Analytical part**

The Commission of the WEC notes that the structure and amount of information collected, the sources, frequency, time slot, the responsible person for the accuracy and timeliness defined by the internal normative documents of University, the job descriptions of Department heads. At the same time, experts note the lack of Provisions on the site, the rules of updating the information pages of the departments and personal pages of the faculty, requires updating the list of scientific publications of the faculty, the English version of the site is not fully presented.

Experts note the lack of electronic document management system in the University, which is a necessary condition in the era of the digital economy.

The Commission notes the massive use of distance learning technologies and e-learning in the educational process of the University. The effectiveness of distance learning at the University is confirmed by positive feedback from employers and graduates in the course of interviews.

Members of the EEC note that, despite the presence of a distance learning system at the University, there is no real possibility of asynchronous communication between students and teachers (offline).

*According to the results of the survey conducted by the EEC, satisfaction with the usefulness of the website of educational institutions in General and faculties in particular showed that 82% of students are fully satisfied. 98% of the staff are fully or partially satisfied with the level of feedback from management. Full satisfaction of students with the level of availability of the Dean's office is 92%, the availability and responsiveness of management-87%, the availability of academic counseling-80%, the availability of counseling on personal problems-79%.*

### **Strengths/ Best practices**

- all students, employees and teaching staff confirm their consent to the processing of personal data, which ensures rational work in the field of information management.
- the University uses a developed system of communication with students, teachers and employees, used, among other things, to resolve conflicts.
- within the framework of the organized meetings of the EEC, regular monitoring of the satisfaction of the needs of the PPP, staff and students was confirmed. The information collected and analyzed by the University is effectively used in the educational and scientific activities of the University.

**EEC recommendations for OP 5B071300 - "Transport, transport equipment and technologies", 5B080100 - "agronomy", 5B080600 - "agricultural machinery and technology", 5B090900 - "logistics (by industry)»:**

1. To introduce an electronic document management system into the University management process.
2. To develop and implement regulations on the University website with the appointment of responsible persons and regulations for updating information.
3. Organize the possibility of asynchronous communication of students and teachers in the distance learning system with the preservation of the history of messages.

**Conclusions of the EEC on the criteria of the standard "information Management and reporting" for OP 5B071300 - "Transport, transport equipment and technology", 5B080100-"agronomy", 5B080600-"agricultural machinery and technology", 5B090900-"logistics (by industry)": strong - 5, satisfactory - 12 and suggest improvements - 0.**

### **6.3. Standard " development and approval of the educational program»**

#### **Evidence part**

Development and approval of educational programs at the University is carried out in accordance with the provisions of legal acts in the field of higher education, as well as documentation developed by the University to ensure transparency and clarity of the implementation of the development strategy: the development Plan of OP "5B071300-Transport, transport equipment and technology", OP "5B080600-agricultural machinery and technology", OP "5B080100-agronomy", OP "5B0909000-logistics (by industry)" for 2017-2020. (considered by the Council of the faculty of" 27 "December 2016, Protocol № 5 and approved by the decision of the Academic Council of the University of" 28 " December 2016, Protocol № 4) and the Position of the Committee for the development of educational programs (approved by the UMS of the University of "24" October 2015, Protocol №3).

The process of development and approval of the educational program includes the following stages:

1. Examination of standard curricula of disciplines, preparation of proposals for amendments and additions to them.
2. Development of curricula for all forms and programs of study for bachelor's and master's degrees for the entire period of study. Making them, if necessary, additions and changes.
3. Examination of working curricula and methodological support offered by the departments of elective disciplines for specialties, preparation of conclusions on the possibility of including these disciplines in the CED.
4. Preparation of educational programs, CED for bachelor's degree-for each academic year, master's degree.
5. Examination of the working curricula of the disciplines of the mandatory component for compliance with the standard programs.
6. Check content and presentation of educational-methodical complexes of disciplines and specialties in accordance with their requirements.

OP "5B071300-Transport, transport equipment and technology", OP "5V080600-agricultural engineering and technology", OP "5B080100-agronomy," OP "5B090900-logistics (by industry)" developed on the basis of the Model curriculum, approved by order of MES RK №425 from 05.07.16 year and of Annex 4 to the Resolution of the Government dated 13.05.2017 year №292 "On approval of state compulsory educational standards of respective levels of education" and decision of the Academic Council of the University recommended for implementation, and approved at a meeting of the Educational and methodical Council (from " 23 " April 2018, Protocol No. 10).

The formation of individual educational trajectory of the student is conducted with the help of advisors (the position on the organization of work of advisors approved by the UMC University from August 28, 2015, minutes No. 1) for each academic year on the basis of SES RK, Tupov, UPOV.

On the basis of the OP are compiled annually and approved by the catalog of elective disciplines (CED). The CED contains a brief description of the disciplines. CED are available at the departments and on the educational portal.

Educational programs are updated annually taking into account the results of measures to determine professional competencies, new elective courses are developed at the request of employers, the content of existing disciplines in each specialty is adjusted, less relevant disciplines are abolished or integrated with related disciplines. The percentage of update is 10-12%.

Educational programs in accredited specialties are subject to external examination. External experts are the heads of various companies with extensive experience in the specialty and have made a significant contribution to the development of the relevant sectors of the economy.



Examination of OP "5V080100 -" agronomy "was conducted by the Director of the North-Western branch of the state" Republican scientific and methodological center of agrochemical service " Ministry of agriculture Akhmetov A. B.

Examination OP "5V080600-agricultural engineering and technology" held by the Director of the LLP "Service center ROSTSELMASH" Ehrmantraut A. V. and Director of LLP "Ural LTD" Romanov V. A.

Examination OP "5B071300-Transport, transport technics and technology" was held by the Director of the Center for training and staff development JSC "AgromashHolding and LLP "Saryarkaavtoprom" Akinyan L. Y. and head, Department of mechanical engineering, KSU. A. Baitursynova Shayakhmetov A. B.

Examination OP "5B090900 - logistics (by industry)" held head of logistics KF JSC "Agromashholding" Patrashov A.

The University formed a model of graduates of the OP, in the development of the model of the graduate was attended by faculty, graduates and students, as well as representatives of employers.

The competence model of the graduate in the field includes the following sections:

- Sphere of professional activity;
- Objects of professional activity;
- Subjects of professional activity;
- Types of professional activity;
- Knowledge, ability and skills.

The competence model of the graduate of OP "5v080100 -" agronomy " is developed taking into account the 6th level of the National qualifications framework. Agreed with LLP "Kostanay research Institute of agriculture".

The competence model of the graduate of OP "5B080600-agricultural machinery and technology" is developed taking into account the 6th level of The national qualifications framework. Agreed with the LLP "Service center ROSTSELMASH".

The competence model of the graduate of OP "5B071300-Transport, transport equipment and technologies" is updated taking into account the 6th level of the National qualifications framework. Agreed with LLC "AgromashHolding" and LLP "Saryarkaavtoprom".

Competence model of the graduate OP "5B090900-logistics (by industry)" updated with the level 6 National qualifications framework. Agreed with "ISA TRANS Group" LLP».

Kineu signed an agreement with LLP "Bilim Zholy XXI" to conduct on the basis of Kineu training courses in the field of railway transport in the working profession "Conductor of passenger cars." In addition, training courses are conducted in the working specialty "Duty in the Park" with the issuance of certificates of completion of training courses in the relevant specialty.

The MOPE shows the sequence of development cycles, disciplines, practices, final certification, thesis defense, providing the formation of General and special competencies. The complexity of cycle disciplines in Kazakhstan and ECTS credits, as well as in hours, with the allocation of lectures, laboratory, practical (seminar) classes, independent work of students under the guidance of the teacher and independent work of the student, all types of professional practice, intermediate certification.

An important role in the training of specialists, namely in the formation of their professional competencies, is played by various types of practices provided by the TUP. Professional practice students are on the basis of partners of the Department, for example:

- OP "5V080100-agronomy": "Department of land cadastre and maintenance of real estate" branch of NAO, LLP "Olzha Borovskoe", LLP "Olzha AK-Kuduk, LLP "Ivolga", LLP "Astykzhan - Kostanai" LLP, kz Baltik Control Certifikation, KKH "chips", "Kostanay research Institute of agriculture" LLP, "Kostanay research Institute of protection of plant quarantine behalf Azkena Jeenbaeva", RSE "Republican scientific-methodological center of agrochemical service of the Ministry of agriculture" LLP "Mel "AK-Bidai", K/X Shatokhin A.V./"Ravinsky V. B.", K/X, "Victoria", LLP "Dar Mas agro»;

OP "5V080600-agricultural engineering and technology": KKH "Chursinov Evgeniy Viktorovich", LLP "Ask - and K", LLP "agricultural firm Vladimirovskaya", LLP "Ural LTD", LLP "Ivolga-holding", JSC "Agrotechmash»;

- OP "5B071300-Transport, transport technics and technology": RGU "transport control Inspection for Akmola oblast" Committee of transport of the Ministry on investments and development of Kazakhstan, KKH "Chursinov Evgeniy Viktorovich", LLP "MTK TIT", LLP "Tarlán Service plus", LLP "Ask - and K", LLP "agricultural firm Vladimirovskaya", LLP "Ural LTD", JSC "Agrotechmash" LLP, "Kostanay motorhome»;

- OP "5V09090900-logistics (by industry)": RSU "Inspection of transport control in Kostanay region" transport Committee of the Ministry of investment and development of Kazakhstan, LLP "MTK TIT", Kostanay branch of JSC "Kaztemirtrans", LLP "Transit center of Kazakhstan", LLP "company" Zhol Zhondeushi"

At the University to identify the training needs of specialists and the requirements of interested parties, departments established permanent partnerships with employers, on the basis of contracts, memoranda of the round-tables and public meetings of the departments with the participation of interested persons on the issues of forming educational programs.

### **Analytical part**

For all accredited OP developed competence models of specialists, which include General and professional competence.

As a result of the analysis of the documentation submitted by the representatives of the EEC, it was found that pre - and post-requisites are not specified in the catalogs of elective disciplines. The objectives and expected outcomes of the disciplines should be specific and interrelated, and should directly reflect the characteristics of each discipline or module. The Commission notes that in the presented modular educational programs for all accredited programs, the results of training in the disciplines are presented in a generalized form without specifying the features of the studied disciplines. The Commission also notes that in the working curricula of OP 5B090900-"logistics (by industry)" there is no logical sequence of studying disciplines. In the curriculum there are disciplines that do not correspond to the specifics of the educational program.

Also, members of the EEC note that students do not participate in the development of modular educational programs.

The analysis of the studied documents, as well as the results of interviews with students, faculty, graduates and employers led to the conclusion that the content of academic disciplines in educational programs do not always take into account changes in the labor market, the requirements of employers and social demands of society. In this regard, there is a need to revise the content of academic disciplines. It is necessary to introduce research elements into the content of accredited educational programs.

The Commission notes that the agreements signed with foreign partners are in the nature of intentions and do not confirm the existence of joint educational programs or double-degree programs.

*The survey of teaching staff conducted during the visit of EEC IAAR showed a high assessment (66%) of the attention of the University management to the content of the OP. The content of OP" very good "meets the needs of PPP - 42.5%, " good " - 55.3%.*

*The survey of students showed that the level of responsiveness to feedback from teachers regarding the educational process is fully satisfied - 87.1%; partially-10.6%; fully satisfied with the quality of teaching-90.6%, partially-9.4%.*

### **Strengths/ Best practices**

- periodic 10-12% updated educational programs;
- - availability of the content of educational programs by students;
- adaptation of the OP to recognize its complexity in all parameters of the Bologna process.

**Recommendations of VEK for 5B071300 - "Transport, transport equipment and technologies", 5B080100 - "agronomy", 5B080600 - " agricultural machinery and technology»:**

1. Strengthen the role of students in ensuring the quality of educational programs.
2. Expand the list of joint and / or double-degree programs with foreign universities.
3. Consider the harmonization of educational programs with leading universities of Kazakhstan, implementing such OP.
4. To consider the possibility of training faculty and program managers in other educational institutions that implement such OP.
5. Develop a system of implementation of research elements in the content of accredited OP.

**The recommendations of the expert Commission for 5B090900 OP-"logistics (by industry)»:**

1. Strengthen the role of students in ensuring the quality of educational programs.
2. Expand the list of joint and / or double-degree programs with foreign universities.
3. To rework the working curriculum taking into account the logical sequence of studying the disciplines of specialization (for example, the disciplines of "Production logistics", "Multi-and intermodal transport", etc. should be studied after the discipline " Fundamentals of logistics»);
4. To exclude from the working curriculum discipline is not relevant to the stated trajectory and expected learning outcomes (e.g., educational path "logistics transport" study discipline "Genderology", "Fundamentals of rastenievodstva and livestock»);
5. Consider the harmonization of educational programs with leading universities of Kazakhstan, implementing such OP.
6. To consider the possibility of training faculty and program managers in other educational institutions that implement such OP.
7. Develop a system of implementation of research elements in the content of accredited OP.

**Conclusions of the EEC on the criteria of the standard "Development and approval of the educational program" for OP 5B071300 - "Transport, transport equipment and technology", 5B080100 - "agronomy", 5B080600 - "agricultural machinery and technology": strong-4, satisfactory-6, requiring improvement-2.**

**Conclusions of the EEC on the criteria of the standard "Development and approval of the educational program" for OP 5B090900 - " logistics (by industry)": strong-4, satisfactory-5, requiring improvement-3.**

**6.4. Standard " Continuous monitoring and periodic evaluation of educational programs»**

**Evidence part**

The self-assessment report of the University provides information on the ongoing monitoring and periodic evaluation of educational programs of the accredited cluster.

The University defined the procedure for monitoring, analysis and revision of OP. This process is initiated by: the need to regularly update the OP; changes in the requirements of consumers and other stakeholders; the requirements of international, interstate and national standards for quality assurance; organizational and administrative documents.

The system of monitoring the implementation of plans for the development of OP includes the following mechanisms:

- - annual reports of the issuing departments and faculty;
- - annual reports of teachers of the Department;
- - results of internal audits;
- - consideration of development of different directions of training of specialists for the meetings of the collegial bodies: the Academic Council Keeu them. M. dulatova; Council of the faculty of Engineering; UMS Kineu. M. dulatova, and also-departments.

Within the framework of the methodical Council of the faculty, the approval of methodical documentation on OP, forms of intermediate certification, recommendations for the publication of educational literature and others are carried out.

To determine the level of satisfaction of internal needs conducted a survey of students, teachers and staff of the University.

Every year the University holds a study aimed at the identification of student satisfaction with the learning environment.

The aim of the study is to determine the degree of satisfaction of consumers (students) of Kineu. M. Dulatov various parties of the educational process, social mood, and activity in various sectors, used as a method of research as a public trust survey.

The study used a traditional anonymous questionnaire, all questions of which are divided into groups:

- - Choice of University, faculty and specialty.
- - Moral and psychological climate in the University.
- - Educational process through the eyes of students.
- - Material base and social infrastructure.
- - Extracurricular activities.

In Kineu named after M. Dulatov developed, adapted and tested a variety of questionnaires: "Satisfaction of students with the educational process", "Satisfaction with learning in high School", "satisfaction of teaching staff", "Questionnaire assessment of satisfaction of employers with the quality of training of graduates of Kineu", "Satisfaction of the head of practical training of students of the University."

Departments carry out systematic monitoring of the load of teaching staff, students ' progress and employment of graduates. The monitoring results are available to all internal and external users through University websites and internal networks.

The need to change the content of educational programs is determined by the Department on the basis of analysis:

- - change the STUPID OP;
- - the effectiveness of the promotion of students on individual learning paths;
- - employers ' wishes;
- - results of the survey of students in the field of satisfaction with the acquired competencies;
- - learning outcomes at the end of the SAC;
- in - demand competencies in the labor market.

When forming OP the opinion of students is taken into account. Their wishes to improve the OP students can Express at the meetings of the student Council, to come up with proposals to the faculty of UMS, specify in the questionnaire, to advise the adviser on consultations.

In the formation of the OP takes into account the opinion of teachers. The choice of elective subjects is determined by the relevance of the course, the content of the modern demands of science and technology, experience and qualifications of the teacher, his practical activities, communication with production, the presence of experimental and methodological base. When considering the proposed courses at the meetings of the MS faculty approved the course that best meets these requirements.

Also, proposals for changes in the content of the OP can make heads of databases practices, reviewers of theses, Chairman and members of the SAC.

The expediency of making changes on the basis of the received proposals is considered at a meeting of the Department, then the proposal is submitted to the MS of the faculty. The final

decision on making changes to the OP is made by the UMS of the University.

To Supplement, expand and deepen training on the chosen trajectory of training in the curriculum of the specialty in accordance with the State educational standards of the relevant levels of education introduced elective subjects. Taking into account the opinions of representatives of the labor market, which are part of the CROP and the Educational and methodical Council, as well as according to the trajectories of training in specialties, a catalog of elective disciplines is formed.

The formation of the Catalog of elective disciplines at the University is carried out in accordance with the approved form of the catalog of elective disciplines at the meeting of the educational and methodical Council (Protocol No. 7 of 20.02.2017). The structure of the catalogue of elective disciplines consists of the following elements:

- 1) curriculum for all courses on the proposed trajectories of educational programs;
- 2) description of educational programs, which is a competence model of the graduate;
- 3) description of elective courses, indicating the prerequisites and post-requisites of the discipline, the purpose of study, the summary of the course, the results of training and the head of the program.

In order to stimulate continuous updating and improvement of programs of disciplines at the departments of "Transport and service" and "Standardization and food technology" their inclusion in the catalog of elective disciplines is made on a competitive basis.

During the development of elective courses and for the formation of professional competencies of students, new disciplines were introduced, taking into account the requirements of the market and the wishes of stakeholders. The Changes made to the OP are published on the University website.

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

After the completion of all procedures for making adjustments/changes to the OP, all stakeholders are informed about the upcoming adjustments/changes.

Informing all interested parties about any actions in relation to the OP is done by:

- through the University website (<https://kineu.kz>), which regularly hosts updated information on the activities of the University;
- through information posted on information stands at the University, at the branches of departments;
- at meetings of the structural units of the University and the enterprise, at student meetings;
- through the advisors of academic groups;
- as a result of direct contact of the management of OP with representatives of employers.
- in regional periodicals "Kostanay news", "Kostanay agro", "Teacher's plus", etc.

In order to promptly inform the students created a "personal account of the student." Personal Cabinet is the subsystem "student Cabinet" (<http://cabinet.kineu.kz>) and includes resources such as: academic calendar; the guide; the catalog of elective subjects; practical work in the field; the entry in the e-library Keeu; a compilation of the links to open electronic libraries. It also contains information about the current performance of the student and the results of their delivery.

### **Analytical part**

In reviewing the criteria of this standard, the Board notes the following.

The management of the University has demonstrated its openness and accessibility to students, faculty, employers: defined hours of reception on personal issues, on a systematic basis, meetings with the rector of the University.

The Commission notes that the University provides a systematic review of the content and



structure of educational programs, as well as an external expert evaluation.

As a result of the analysis of the documentation submitted by the representatives of the EEC, it was found that the educational materials on OP 5B090900-"logistics (by industry)" do not fully take into account the latest achievements of science, there are no references to modern literature of domestic and foreign authors. Consequently, the teaching does not use the educational literature of leading authors on specialization.

The self-assessment report presents a detailed algorithm for designing changes in the OP, but during the interviewing of focus groups, visits to departments and analysis of the documentation provided, the representatives of the EEC note that in practice this mechanism does not work fully.

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

- the University has a good educational environment and support services that meet the objectives of educational programs.

#### **The recommendations of the expert Commission for 5B090900 OP - "logistics (by industry)»:**

1. To update educational and methodical materials taking into account modern achievements of science on specialization;
2. Provide use in the process of teaching of educational literature of domestic and foreign authors.

**Conclusions of the EEC on the criteria of the standard "Continuous monitoring and periodic evaluation of educational programs" for OP 5B071300 - "Transport, transport equipment and technology", 5B080100 - "agronomy", 5B080600 - "agricultural machinery and technology": strong-2, satisfactory-8.**

**Conclusions of the EEC on the criteria of the standard "Continuous monitoring and periodic evaluation of educational programs" for OP 5B090900 - "logistics (by industry)": strong-2, satisfactory-7, requiring improvement-1.**

#### **6.5. Standard " student-Centered learning, teaching and performance assessment»**

##### **Evidence part**

The management of the OP provides equal opportunities for students regardless of the language of instruction to form an individual educational program aimed at the formation of professional competence. Regardless of the language of instruction, students are available syllabus, umkd, scientific and educational literature, SRS, SRSP, advice and information resources. The whole educational-methodical documentation - KD, teaching materials are prepared in two languages, and IAPA, materials on forms of current, intermediate, intermediate and final controls are made in the language of instruction. Graduate departments provide harmonious development of students taking into account the intellectual development and individual characteristics.

The University provides full-time and part-time education, basic and reduced educational programs on the basis of technical (TVET) and higher professional education (VPO).

In the implementation of student-centered learning and teaching University provides:

- respect and attention to different groups of students and their needs. Carried out: direct contact with the Dean of the faculty "24 hours a day" through social networks; work with advisors; work in student government or student organizations; participation in student creative communities;
- providing flexible learning paths;



- regular evaluation and correction of forms of education and pedagogical methods.

At the University, students, regardless of the language of instruction, are given the opportunity to choose a specific educational trajectory in accordance with their life attitudes, abilities and opportunities.

To ensure the harmonious development of students, taking into account their intellectual development and individual characteristics, the implementation of student-centered educational programs takes into account the needs of students, which affects the requirements for both teaching and teaching in General.

To implement the requirement to make education transparent for all target groups, the University has created a website. The official website of the University is available on the Internet at: <http://www/kineu.kz>, all information material for students on the website of the University is presented in three languages: Kazakh, Russian, English.

For the purpose of student-centered learning at the departments used various methods and technologies of training, taking into account the diversity of forms of assimilation of information. In the educational process, the following active and innovative teaching methods are introduced: cases, online lectures, business games, trainings, seminars, discussions, problem conferences, debates, round tables, work in small search groups, problem solving, critical thinking methods, working with tests, "immersion in the problem", etc. These methods are considered in the "Recommendations for the organization of educational activities of students on the basis of interactive methods."

For the development of technical thinking, training is used with the use of complicating conditions on the basis of active methods: time constraints; sudden prohibitions; speed sketching; new options; information insufficiency; information oversaturation; absurdity; situational dramatization; sudden prohibitions; design; creative problem solving; thought experiment; brainstorming or brainstorming.

Acting within the framework of the credit system of education, departments create the most favorable conditions for students to master the disciplines of the specialty. To this end developed:

- 1) work programs for each discipline for students;
- 2) control and measuring materials for classroom work on each discipline;
- 3) control and measuring materials for SRO;
- 4) materials for knowledge control;
- 5) materials for practical work.

The entire volume of SRO is confirmed by tasks that require students to work independently on a daily basis. The management of OP carries out monitoring of independent work of the trained and an adequate assessment of its results.

Autonomy of the student, ensuring his freedom of education, the ability to meet individual educational needs is confirmed by the Individual educational trajectory (individual curricula), which is based on the program of their own educational activities. At the same time, the construction of educational trajectories of the student takes place with the participation of advisors and teachers.

Monitoring the progress of students on educational trajectories is carried out on the basis of a system of evaluation of the results of students. Monitoring is carried out on the basis of reports of staff of the Department. Advisor for knowledge control uses the page adviser, which reflects the performance of students in all subjects. Indicators of assessment of students' knowledge are given in table 2.

**Table 2-Academic indicators of full-time students by academic years**

Specialty, indicator	2015-2016	2016-2017	2017-2018
<b>EP 5B071300 - " Transport, transport equipment and technologies»</b>			

Quality of knowledge, %	69	59	59
Performance results of semester sessions, %	82	72	72
<b>EP 5B080100 - " agronomy»</b>			
Quality of knowledge, %	70	58	59
Performance results of semester sessions, %	86	73	71
<b>EP 5B080600 - "agricultural machinery and technology»</b>			
Quality of knowledge, %	80	69	84
Performance results of semester sessions, %	92	83	84
<b>EP 5B0909000 - " logistics (by industry)»</b>			
Quality of knowledge, %	78	71	81
Performance results of semester sessions, %	86	83	87

The mechanism of consideration of complaints is considered in the Regulations on the appeal Commission of intermediate certification of students.

For consideration of complaints of students on an assessment of their knowledge during examination sessions of final certification by the order of deans appeal commissions are created. The appeal procedure is quite transparent, applications for appeal are received on the day of the exam, then they are sorted for reasons-for technical reasons, incorrect questions, the fault of the student, etc.the Commission on the day of receipt of the application considers them, sends them to the appropriate authorities, draws up an act on the grounds of appeal and takes a decision on each issue on the day following the exam. At the end of the session or the final certification, a report on the work done by the appeals Commission is drawn up and a decision is made. To eliminate the academic debt and the difference in curricula, re-development of disciplines, the study of additional courses introduced summer semester.

The reasons for the appearance of requests for appeal are mainly related to the dissatisfaction of students with the final result; inconsistency of the database of test tasks issued by the teacher to prepare for the exam, and stated in the ITC; incorrectness of test tasks. All applications submitted by students must be considered by the Commission established by the order of the rector from among the leading specialists no later than one day from the date of submission.

The appeal of the results of the knowledge assessment is conducted in accordance with the "Regulation on the internal quality assurance system". Students who disagree with the assessment obtained on the results of the exam, have the right to appeal to the appeal Commission, which is formed from among the teachers whose qualifications correspond to the profile of disciplines. By order of the rector approved, and assigned to the appellate Commission of assessment of knowledge of students. The appeal procedure is considered immediately on this day, and the decision of the appeal Commission is made the next day.

In the process of training, the generally accepted in the world practice criterion on the scale of letters and numbers is used, reflecting the mechanism of implementation of credit transfer based on the ECTS credit system. According to this scale, grades are given in oral and written examinations.

The classical feedback tool for the study of the quality of teaching (content, forms, methods) is a survey of students.

Forms of feedback is also the rector's blog and virtual complaint book, located on the University website, as well as meetings with heads of departments, deans, University management.

### **Analytical part**

During the visit, VEK experts on this standard came to the following conclusions.

In order to improve the quality of training and instilling professional competencies departments are working to provide students with the opportunity to choose an individual learning path with the right to choose not only disciplines but also the teacher. During the interview, students confirmed that the University has a choice of disciplines.

The students confirmed the functioning of the appeal mechanism.

In General, both students and faculty expressed positive views on the implementation of accredited OP.

However, the members of the VEC consider it necessary to note that the University within the accredited programs there is a need for the development and implementation of new own research in the framework of teaching methods for the development of student-centered learning.

The Commission also notes the need to introduce new forms and methods of teaching, learning, and it is necessary to provide feedback on the effectiveness of their use.

The Commission also believes that more attention should be paid to foreign language skills, especially English.

With the aim of improving the quality of assessment of learning outcomes, the experts recommend when conducting current and interim controls wider use of written forms of carrying out period controls and exams.

*Students believe that the University provides equal opportunities to all students-76.5%, also Express full satisfaction with the quality of teaching 90.6%, fairness of examinations and certification - 85.9%, tests and examinations - 84.7%.*

### **Strengths/ Best practices**

- functioning of a transparent appeal procedure.

**EEC recommendations for OP 5B071300 - "Transport, transport equipment and technologies", 5B080100 - "agronomy", 5B080600 - "agricultural machinery and technology", 5B090900 - "logistics (by industry)»:**

1. Include in the development Plans of educational programs the introduction of new forms and methods of teaching and learning, provide feedback on the effectiveness of their use.
2. Organize your own research in the field of teaching methods and evaluation of learning outcomes.
3. To reflect information on the course of training and current assessments of progress in the distance learning system and to organize access to them by students.
4. Increase the share of knowledge assessment in writing during midterm examinations and examinations.

**Conclusions of the EEC on the criteria of the standard "student-Centered learning, teaching and performance assessment" for OP 5B071300 - "Transport, transport equipment and technology", 5B080100 - "agronomy", 5B080600 - "agricultural machinery and technology", 5B0900 - "logistics (by industry)": strong-3, satisfactory-4, suggests improvement-3.**

### **6.6. Standard " Students»**

#### **Evidence part**

The policy of formation of the contingent of students in Kineu is regulated by a documented procedure, the main purpose of which is to establish the requirements and description of the order of management of the process of formation of the contingent of students in the programs of higher and postgraduate education. Admission and admission to training in

Kineu is carried out in accordance with the regulations of the Ministry of education and science of the Republic of Kazakhstan:

- "Standard rules for admission to educational institutions, implementing professional training programs of higher education", approved by the government of the Republic of Kazakhstan dated January 19, 2012 № 111;

- "Standard rules for admission to educational institutions, implementing professional training programs of postgraduate education", approved by the Government of the Republic of Kazakhstan dated January 19, 2012 № 109;

- Order of the Minister of education and science of the Republic of Kazakhstan dated June 21, 2010 №316 on approval Of the table of conformity of the Classifier of specialties of higher and postgraduate education of the Republic of Kazakhstan and the Classifier of professions and specialties of technical and vocational, ~~post-secondary~~ education.

On the basis of these documents were internal documents: "the formation of the contingent" (ABOUT КИҺЭУ702 from 08.09.2017 g); the procedure "Rules of reception of citizens in the University" (ABOUT Keeu 714-17 from 04.01.2017); "Vocational guidance" (ABOUT Keeu 701-18 from 04.01.2017).

Also on the official website of Kineu there is a page "Applicant" (<http://kineu.kz/specialnosti/>), where you can get information about the list of specialties of the University, benefits for training, the list of necessary documents and ask all the questions to the representatives of the selection Committee.

In accordance with the principles of credit technology of education, the University uses a score-rating system of knowledge assessment.

Forms of final control of knowledge are determined by the departments and provided within a month from the beginning of the academic period for approval by the Academic Council of the University.

Graduates of the University are provided with an Appendix to the diploma in accordance with the requirements of the state sample of the Republic of Kazakhstan, indicating the disciplines studied, the amount of complexity of the studied material in the credits of the Republic of Kazakhstan and in the ECTS system in 3 languages.

Students are the main consumers of educational services, so their interests are at the head of the implementation of educational programs. The educational environment models the following characteristics of students: individuality, the desire for greater freedom, the process of achieving integrity, personal and professional growth, independence and self-esteem.

Data on the contingent are given in tables 3 and 4.

**Table 3-student Body as of October 1, 2018 for accredited programs**

<b>Code and name of specialty</b>	<b>DL</b>	<b>3O</b>	<b>KZ</b>	<b>RUS</b>	<b>scholarship</b>	<b>paid</b>	<b>Total</b>
5B071300-Transport, transport equipment and technologies	131	-	7	124	3	128	131
5B080100-agronomy	101	-	15	86	6	95	101
5B080600-agricultural machinery and technology	18	-	2	16	6	12	18
5B090900-logistics (by industry)	37	-	2	35	1	36	37
<b>Total on cluster</b>	<b>287</b>	<b>-</b>	<b>26</b>	<b>261</b>	<b>16</b>	<b>271</b>	<b>287</b>



**Table 4-student body For the last five years on accredited programs**

Code and name of specialty	2014-2015		2015-2016		2016-2017		2017-2018		2018-2019	
	total	scholarship	total	scholarship	total	scholarship	total	scholarship	total	scholarship
5B071300-Transport, transport equipment and technologies	176	-	147	-	134	-	133	3	total	scholarship
5B080100-agronomy	34	2	25	-	25	-	19	4	18	6
5B080600-agricultural machinery and technology	119	1	87	-	96	-	103	5	101	6
5B090900-logistics (by industry)	31	-	30	-	29	-	35	1	37	1
<b>Total on cluster</b>	<b>360</b>	<b>3</b>	<b>289</b>	<b>-</b>	<b>284</b>	<b>-</b>	<b>290</b>	<b>13</b>	<b>287</b>	<b>16</b>

According to the table it can be concluded that OP 5B071300-"Transport, transport equipment and technology" and 5B080600-"agricultural technology and technology" observed a slight decline in the number of students. Given that the management of the University sees the main risks in the implementation of educational programs for the 2018-2019 academic year in reducing the contingent, it is necessary to develop a number of measures to increase the prestige of engineering specialties.

Under OP "5B080100-agronomy" and "5B090900-logistics (by industry)" there has been some increase in population.

In Keeu can apply state grants and grants from local agencies and the grants of the rector. In addition to the state grants each academic year is allocated 10 grants of the rector of University's students:

- two gold grants-100% discount for the first year of study at the University. In the competition for the gold grants involve applicants with the certificate of UNT over 100 points;
- four silver grants-75% discount on the first year of study at the University. Entrants with UNT certificates from 80 to 99 points take part in the competition for silver grants;
- four bronze grants-50% discount on the first year of study at the University. Applicants with UNT certificates from 60 to 79 points take part in the competition for bronze grants.

There are also various discounts for students:

*10% discount is available:*

- full-time and part-time students with certificates of a special sample and diplomas with honors ( except for students in the accelerated program) - in the first year of study;
- full-time students who have studied "excellent" one academic year-for each subsequent semester;
- students with the title of "master of sports", "candidate master of sports" - for the entire period of study;
- full-time students who are members of the same family (2 or more people) - for the period of joint training.

*20% discount is available:*

- graduates of "Kineu College" (full-time Department) - in the first year of study.

50% discount is available:

- orphans and children left without parental care-for the entire period of study.

To support graduates in employment at the University there is an employment Center (<https://kineu.kz/trudoustrojstvo-studentov/>). The main objective of the Center is to promote employment of students and employment of University graduates. To this end, the Center carries out:

- analysis of the needs of enterprises and organizations of the city and region in certified specialists;

- work with University students in order to improve their competitiveness in the labor market through career guidance, information on trends in demand for specialists;

- implementation of constant interaction with enterprises and organizations of the region, public authorities and local self-government;

- assistance in the organization of professional development and retraining of University graduates;

- conducting information and advertising activities;

- interaction with student and youth organizations.

The University provides training in close cooperation with major employers and the region (Kostanay branch of JSC "Agromash-holding", LLP "Saryarkaavtoprom"; LLP "Ivolga-RASTR"; LLP "Company energy efficient Technologies; JSC "NCEC", JSC "Bayan-Sulu", LLP "Evraz Caspian Steel"; GKP Samoborska energy generating company", JSC "KTZ - Freight transport" — "Kostanay branch of the SE"; LLP "Alascom", JSC "Kostanai flour mill", LLC "Baltic Control Kazakhstan"; etc. In some plants there are branches of departments.

**Table 5-Employment of University graduates for the last three years under accredited programs**

Code and name of specialty	2016.			2017			2018		
	Total graduates	employed	%	Total graduates	employed	%	Total graduates	employed	%
5B071300-Transport, transport equipment and technologies	52	47	90,3	44	42	95,5	27	23	95,8
5B080100-agronomy	22	21	95,5	20	19	95	23	21	95,6
5B080600-agricultural machinery and technology	10	7	70	9	8	88,8	5	5	100
5B090900-logistics (by industry)	5	4	80	4	4	100	10	9	90
<b>Total</b>	<b>89</b>	<b>79</b>	<b>83,95</b>	<b>77</b>	<b>73</b>	<b>94,8</b>	<b>65</b>	<b>58</b>	<b>95,35</b>

The OP manual shows a special adaptation programs and support for newly arrived and international students. To do this on the website of Kin (<https://kineu.kz/spravochnik-putevoditel/spravochnik-putevoditel-2018-2/>) there is a "Guide-guide for students on credit technology training" in the Kazakh and Russian languages.

Within the framework of adaptation, accommodation of foreign citizens and nonresident students in University dormitories is provided.

Admission of students from other universities is carried out according to the "rules of transfer and restoration" approved by the order of the Minister of education and science of the

Republic of Kazakhstan from 20.01. 2015 №of the year 19. When transferring students from other universities is determined by the academic difference in the disciplines of working class members, they studied in previous academic periods. In Kineu also operates " Rules of transfer, recovery, expulsion of students, the provision of academic leave."

The management of OP actively stimulates students to self-education and development outside the main program (extracurricular activities). So, in Keeu Student Council (<https://kineu.kz/studencheskij-sovet-kineu/>), Choreographic group "Selena", Vocal Studio Voice (<https://kineu.kz/vokalnaya-studiya-voice/>), the Team zhaidarman "Zhana Gasyr" (<https://kineu.kz/kvn/>), debate club "Azamat" (<https://kineu.kz/debatnyj-klub-azamat/>), a Student engineering club "Koleso" (<http://robofest.kineu.kz/>), Club "I am a leader" (<https://kineu.kz/klub-ya-lider/>), "Everest" (<https://kineu.kz/obshhestvennoe-obedinenie-everest/>).

The University has a Union of graduates of KNEU (<https://kineu.kz/soyuz-vypusnikov/>), which is an Association of all graduates regardless of the year of graduation from the University (graduation), graduates with higher education and does not provide for the procedure of admission to the Union of graduates of Kineu.

### **Analytical part**

During the visit, VEK experts on this standard came to the following conclusions.

Analysis of the University's website showed that the information contained in it is quite informative. To inform the public on the site there are sections "University", "Entrant", "Student" and " Graduate".

The section "University" provides General information about the administration of the University, the Board of Trustees, the personnel policy of the University, quality policy, international partners and material and technical base. Posted a Strategic plan Keeu 2014-2020 Includes information about the accreditation of the University and available licenses. The section "Entrant" provides information about the documents required for admission to the University at all levels of education, a detailed description of specialties, the procedure for obtaining grants, available benefits. There is also information in the feedback. In the sections "Student" and "Graduate" provides all the information necessary for students and graduates.

The Commission during the analysis of the contingent of students observes a tendency towards its increase. In the formation of the educational trajectory is not always the University has the opportunity to take into account in the educational process features of the student, as building an individual trajectory for a small number of students, unprofitable.

During the interview, students expressed their readiness to travel to foreign universities under the academic mobility program, while the limiting factor is, in the opinion of students, the lack of financial support. The Commission notes the need for the University to participate in Erasmus+ programmes and attract international students.

The Commission notes that, despite the existence of the alumni Union at the University, it is not sufficiently active. None of the graduates who participated in the interview did not confirm their membership in this organization.

Experts during the interview found that students are not involved in research work.

During the interview, employers and students of the specialty "5B090900-logistics (by industry)" expressed the need to increase the time of practical training, which will improve the quality of practical training of students.

During the interview of students proved that the conditions for the support of gifted students by providing discounts and grants for training.

*According to the results of the survey, 80% of students Express full satisfaction with the availability of academic counseling; availability of health services-81.2%; availability of library resources-90.6%; existing educational resources-75.3%; the overall quality of educational programs-83.5%; the relationship between student and teacher-87.1%.*

**Strengths/ Best practices**

- flexible system of discounts for training and payment schedules.
- functioning of the feedback system to support students, including the rapid presentation of information on the results of the assessment of students' knowledge.

**Recommendations of EEC for OP 5V071300 - "Transport, transport equipment and technologies", 5V080100 - "agronomy", 5V080600 - " agricultural machinery and technology»:**

1. Organize work to attract foreign students to study at the University.
2. To continue work on the development of external and internal academic mobility of students.
3. To increase the role of the alumni Union in the activities of the University.
- 4 Provide carrying out research work with students of accredited educational programs.

**The recommendations of the expert Commission for 5B090900 OP-"logistics (by industry)»:**

- 1 Organize work to attract foreign students to study at the University.
- 2 to Continue work on the development of external and internal academic mobility of students.
- 3 to Increase the role of the alumni Union in the activities of the University.
- 4 to Provide carrying out research work with students of accredited educational programs.
- 5 Strengthen career guidance to attract students.
- 6 Provide for an increase in the amount of time allocated to the professional practice of students.

**Conclusions of the EEC on the criteria of the standard "Students" for OP 5B071300 - "Transport, transport equipment and technology", 5B080100 - "agronomy", 5B080600 - "agricultural machinery and technology", 5b090900-"logistics (by industry)": strong - 6, satisfactory - 4, suggests improvement - 2.**

**6.7. Standard " Teaching staff»**

**Evidence part**

The management of the OP demonstrates the application of the personnel policy of the University for PPP involved in the implementation of the OP. Personnel policy of Kineu consists of a set of principles, rules and regulations, organizational mechanisms, management decisions that are consistent with the strategic direction of the University. One of the fundamental principles of the personnel policy of Kineu is the same need to achieve the individual goals of the employee and the goals of the University with strict observance by the employee of the established norms and rules.

Policy of staff development defines not only the goals, objectives, principles, and methods of their realization. The basic documents in the formation of personnel policy were the Labor Code of the Republic of Kazakhstan, the law of Kazakhstan "on education", the strategic plan of Kineu for 2014 - 2020, the collective agreement of Kineu, as well as the data of personnel monitoring. The regulation on personnel policy of Kineu was approved by the rector of " 28 " November 2016. All projects and programs for the implementation of Personnel policy are headed directly by the Rector of the University. The personnel policy of Kineu is reflected in such personnel documents as the "Code of corporate ethics" (Protocol of the Academic Council No. 5 of "24" January 2017), "Regulations on the procedure for filling positions of teaching staff and researchers" (Approved by "05" October 2015), "rules of labor regulations" (Approved by "05" October 2015), "Regulations on the system of key performance indicators of the teaching staff" (Protocol of the Academic Council No. 5 of "24" January 2017).



The system of personnel management is headed by the rector of the University. It includes managers at all levels, United on the principle of functional subordination. Participants in the personnel management system implement the main directions of Personnel policy within the powers defined by their job descriptions, regulations on structural units. The personnel policy is available to all members of the team, the registered copies of the personnel policy Regulations are located in each division, and the electronic version is located on the internal server of Kineu.

Strategic objectives of Kineu Personnel policy:

- - formation of a workable, highly qualified team of like-minded people, able to solve the problems facing the University and respond quickly to the ever-changing requirements of the labor markets and educational services;
- - creation of an effective system of human resources management, operating on the basis of modern technologies of personnel management, aimed at its development (selection and evaluation, training, retraining);
- - formation of favorable conditions for self-realization and career growth of employees;
- - increasing the attractiveness of working conditions at the University to attract and retain highly qualified specialists.

The above objectives of the Personnel policy reflect the priorities of the University in personnel management in accordance with the Strategy of the University.

Basic principles of Personnel policy of the University's students include the following:

- - compliance of HR activities with the Mission, Policy, and Strategic plan of the University;
- - equality of opportunities for University employees to realize their labor and professional potential;
- - compliance with the legislation of the Republic of Kazakhstan;
- - focus of personnel policy on the growth of professional competence of employees;
- - high level of requirements and objectivity in the assessment of PPP;
- - continuity and renewal of University staff.

Implementation of educational programs "5V071300-Transport, transport equipment and technology", "5V080600-agricultural machinery and technology" and "5V090900 - logistics (by industry)" provides the Department of "Transport and service", and OP "5V080100-agronomy - Department of "Standardization and food technology".

Staffing of teaching staff for accredited educational programs is shown in table 6.

**Table 6-number of TS on 1 October 2018g. in the context of accredited educational programs**

<b>Code and name of specialty</b>	<b>The number of full-time faculty</b>	<b>Number of staff teaching staff with academic degrees</b>	<b>% of degree rate</b>
	20	10	50
5B071300-Transport, transport equipment and technologies	22	11	50
5B080100-agronomy	16	9	56
5B080600-agricultural machinery and technology	17	9	53

The management of the OP demonstrates an awareness of responsibility for its employees and the provision of favorable working conditions for them and a change in the role of the

teacher in connection with the transition to student-centered learning. Favorable working conditions in the University as a whole and taking into account the specifics of the OP include: maintenance of sanitary and hygienic conditions, uninterrupted supply of electricity, heat, cold water, uninterrupted communication.

The management of the OP provides monitoring of the teaching staff, systematic assessment of the competence of teachers, a comprehensive assessment of the quality of teaching, including an assessment of the satisfaction of teachers and students. Systematically conducted a survey of PPP on the issue of satisfaction.

Systematic assessment of the competence of teachers, evaluation of the effectiveness of teaching quality at the Department for the disclosure of the content of training courses and the formation of students' knowledge, skills and competencies necessary to achieve the learning results provided for by the objectives of the program, is implemented through internal evaluation (open classes, mutual visits, control visits, the Department of speech at the scientific-theoretical and scientific-methodological seminars).

In the procedure "Control of quality of educational process" ABOUT Keeu 708-12 regulated by the shape of the graph of the attendances of the teachers and the schedule of open sessions. These schedules are drawn up at the Department at the beginning of the school year, considered at a meeting of the Department, and then approved by the Dean of the faculty.

The system of stimulation of professional and personal development of teachers and employees of the University is represented by mechanisms of financial and non-financial stimulation.

According to the "regulations on the promotion of" mechanisms for non-monetary incentives include the following elements:

- Declaration of gratitude and presentation of certificates for conscientious performance of official duties;
- presentation of diplomas and awards of departments in charge of educational activities;
- letters of thanks in honor of the celebration of public holidays from akimats and state institutions;
- entry to the Gallery of honor of the University's students.

Financial incentives presented:

- the establishment of surcharges on the results of KPI;
- financial support for teachers in the preparation of the thesis;
- awarding of employees for holidays and anniversaries;
- material encouragement for professional holidays;
- provision of material assistance.

The system of awarding teachers and employees for personal contribution and significant results in work provides for the following types of awards:

- in connection with the achievement of retirement age - 5 MCI;
- by the anniversary date of birth-11 MCI;
- winners in the nomination " Best curator».

In addition, the University provides a discount for University staff and their children to study in the master's and bachelor's programs in the amount of 20%.

In order to improve the efficiency of teaching staff, improve teaching methods and the effectiveness of work results, Kineu has a system for assessing the activities of teaching staff, which is enshrined in the "Regulations on the system of key performance indicators of teaching staff".

The management of OP provides completeness and adequacy of individual planning of work of PPS on all types of activity, monitoring of productivity and efficiency of individual plans, proofs of performance by teachers of all types of the planned loading are shown. The workload of the teaching staff of specialties includes educational, methodical, scientific, organizational and methodical work, improving professional competence.

The management of the OP has demonstrated support for the research activities of the PPP.

Information on the amount of funding and publication of the results of research work of the faculty for 2014-2018 in the context of departments implementing accredited educational programs are given in tables 7 and 8.

**Table 7-the amount of research funding for the cluster, tenge**

<b>RW funding</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>
Founder's funds	373600	300000	950000	400000	500000
International project	-	5014350	-	4545968	-
Economic contract	-	-	-	-	-
by order of the MES	-	-	-	-	-

**Table 8 - list of scientific topics of TS and the main results of research on the cluster**

<b>Full name</b>	<b>Research topic</b>	<b>The results of research</b>
Moiseenko, Oleg Viktorovich	Improvement of technology and technical means for harvesting grain crops in the conditions of Northern Kazakhstan	Publication of articles in scientific journals, participation in scientific conferences
Chursinov Maxim Viktorovich	Improvement schemes and justification of constructive-regime parameters of band-water	Publication of articles in scientific journals, participation in scientific conferences
Ivanchenko Pavel G.	Development of a prototype loader of sowing complexes	Publication of articles in scientific journals, participation in scientific conferences
<b>Full name</b>	<b>Research topic</b>	<b>The results of research</b>
Bobkov Sergey Ivanovich	Justification of tractor Park for agricultural formations of grain-growing region of Kazakhstan on the basis of advanced technologies taking into account the diversification of crop production	Publication of articles in scientific journals, participation in scientific conferences
Nikolai A. Baganov	Improving the efficiency of use of mobile vehicles for agricultural purposes by improving technical service and its use	Publication of articles in scientific journals, participation in scientific conferences
Nazarova Jadra Zhagiparova	The use of new types of dough baking powder in the production of bakery products	Publication of articles in scientific journals, participation in scientific conferences
Deputy Director For Educational Work	Technology of cultivation of flax in the conditions of Northern Kazakhstan.	Publication of articles in scientific journals, participation in scientific conferences
Ishkenova Acomys Baibatyrova	Influence of traditional and minimal processing on the main agronomic and morphological properties of southern chernozems of Kostanay region	Publication of articles in scientific journals, participation in scientific conferences

Ismurzina Aigerim Bulatovna	Improvement and development of innovation management in agriculture	Publication of articles in scientific journals, participation in scientific conferences
Dukaeva Aida Kalikanovna	The impact of technology fallow on the yield of spring wheat in the southern black soil in Kostanai region	Publication of articles in scientific journals, participation in scientific conferences

One of the key activities of the management of the OP is to create favorable conditions for the professional and personal development of PPP, including professional development. Table 9 provides information on professional development over the past three years.

**Table 9-number of teachers who have completed refresher courses in the last three academic years**

Name of chair	2015-2016		2016-2017		2017-2018	
	Republic of Kazakhstan	Near and far abroad	Republic of Kazakhstan	Near and far abroad	Republic of Kazakhstan	Near and far abroad
Department of transport and service	3	-	5	-	8	4
Department of standardization and food technologies	7	-	22	1	17	3
<b>TOTAL:</b>	<b>10</b>	<b>0</b>	<b>27</b>	<b>1</b>	<b>25</b>	<b>7</b>

The departments organize guest lectures and invite experienced practitioners.

Selection of teachers-practitioners is carried out taking into account the experience of practical work in the relevant industry and the availability of professional certificates.

Increasing the level of professional competence of young specialists at the Department is carried out through differentiation and optimal combination of types and forms of work, stimulation of professional creative activity and desire for professional growth. Each young specialist is assigned a mentor from among the more experienced teachers.

The management of the OP supports and implements the social responsibility of the whole organization and the responsibility of each individual employee to the society. Every year social and cultural events are held to unite the team and maintain the corporate spirit, such as the Celebration of Nauryz, new year's corporate events.

### **Analytical part**

During the interview, the staff and faculty expressed satisfaction with the current personnel policy at the University, confirmed the fact of the competition for vacant positions. Young teachers are also satisfied with the working conditions.

But at the same time, there is not enough information about the teachers on the University website (photos, research areas, taught subjects, etc.), there is no external mobility of teaching staff, it is required to constantly improve professional skills in areas of specialization in the leading research centers of Kazakhstan and abroad.

The Commission recommended to continue the participation of PPP in competitions for grant research projects funded by the Ministry of education and science. Given that the



University has concluded agreements on cooperation with other universities, there is a good opportunity to conduct joint research, including with foreign partners, as well as to participate in international projects.

The Commission notes that weak stimulation of participation of teachers in collaborative research with foreign partners and international projects, especially in the OP 5B090900 - "logistics (by industry)".

Members of the EEC noted the weak publication activity of PPP in cited scientific journals.

The analysis of the submitted documents on the staff of the teaching staff of the departments showed that in the specialty "logistics" the share of teachers with basic education is 22% of the total number of teachers. The Commission notes the lack of teaching staff in the state language.

*According to the results of the survey IAAR faculty expresses complete satisfaction with the relationship with students (96.6%), with colleagues at the Department (91.5%). In this case, the attitude of the management is fully satisfied 85.1% PPP, the administration of the University was 78.7%, the change management activities of the University is 72.3%. The level of stimulation of young specialists to the educational process is highly estimated by 40.4% of teaching staff, recognition of the potential and abilities of teachers-40.4%. 44.7% satisfied with equal opportunities for all TS.*

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

- availability of teachers, practitioners and experts from various business sectors.

**Recommendations of EEC for EP 5B071300 - "Transport, transport equipment and technologies", 5V080100 - "agronomy", 5V080600 - " agricultural machinery and technology»:**

1. To strengthen the work on academic mobility of teaching staff and attract the best foreign and domestic teachers.
2. To organize on a regular basis the passage of training courses for PPP on the profile of accredited EP.

**The recommendations of the expert Commission for 5B090900 OP - "logistics (by industry)»:**

1. To strengthen the work on academic mobility of teaching staff and attract the best foreign and domestic teachers.
2. Organize on a regular basis the passage of training courses for PPP on the profile of accredited PLO.
3. Strengthen the work to increase the number of teaching staff with basic education in the educational program "logistics (by industry)".
4. Strengthen the work to increase the number of teaching staff conducting classes in the state language.
5. To promote the publication of research results in cited scientific journals.
6. Encourage the participation of teachers in joint research with foreign partners and international projects.

**Conclusions of the EEC on the criteria of the standard "Teaching staff" for EP 5B071300 - "Transport, transport equipment and technology", 5B080100 - "agronomy", 5B080600 - "agricultural machinery and technology": strong-2, satisfactory-9, suggests improvement-1.**

**The conclusions of the EEC according to the criteria of the standard "Faculty" for the EP 5B090900 - "logistics (by industry)" strong - 2, satisfactory - 8, a - 2.**

**6.8. Standard " Educational resources and student support systems»**

**Evidence part**

The material, technical and social base, which is under the operational management of PI Kineu im. M. Dulatov, located in the city of Kostanay, consists of 10 sites, the total area of the territory is 10464 m<sup>2</sup>.

The University has 2 educational and laboratory buildings, with a total area of 1377 m<sup>2</sup>, per student of the given contingent, the useful educational area is 6.5 m<sup>2</sup>.

Laboratory classes are held on the basis of educational and scientific laboratories of the University, also at the University's educational, scientific and industrial sites. Laboratory and practical classes are also held on the basis of branches of departments, on the basis of the agreement on mutual cooperation with third parties. Such organization of educational process allows to use more fully material, technical and personnel resources of both University, and the enterprises and the organizations of the region for formation at students of professional abilities and skills in the conditions approached to real.

The infrastructure of the University includes a hostel, a sports base, a library, a medical center and other educational and auxiliary facilities.

The sports base of Kineu consists of a set of sports facilities of closed and open type. The University has 1 indoor sports hall, equipped with appropriate sports equipment, with a total area of 1087.5 m<sup>2</sup>.

Currently, the University operates one hostel with a total area of 1821.5 m<sup>2</sup> for 150 beds. Also in the hostel there is an open-type sports ground with a total area of 954.5 m<sup>2</sup>.

For the organization of student food at the University operates a youth cafe, with a total area of 275.6 m<sup>2</sup> for 100 seats.

Medical care of employees and students is provided by the health center, which is located in the building of the sports complex Kineu and in the city polyclinic № 1.

Building A has 24 classrooms with a total area of 1333.3 m<sup>2</sup>, 21 laboratories with an area of 685.3 m<sup>2</sup>, 4 computer classes with an area of 164.1 m<sup>2</sup>. In addition, the building houses the international scientific and educational center of computer technology "ARTESN-Kineu" and the laboratory of Internet technologies of distance learning.

The housing 1 has a classroom with a total area of 33.5 m<sup>2</sup> and 21 laboratory area m<sup>2</sup> 2151,2.

The main component of creation of conditions for the organization and carrying out of scientific researches in Kineu are the laboratories equipped with modern material and technical base. February 4, 2015 created by the Regional innovation center (RIC), consisting of Keeu, Kostanay branch of JSC "AgromashHolding" and LLP "Saryarkaavtoprom". The purpose of the RIC is the formation of an effective system of interaction between production, education and science: training of highly qualified technical specialists, the introduction of a dual system of training, the practical application of modern technologies, the commercialization of scientific and industrial developments.

To improve the efficiency of the educational process, the quality of training at the Department formed a collection of electronic educational resources purchased and partially developed by the staff of the University for educational and scientific purposes. In addition to the information content of the site, the possibility of interactive communication through a virtual representation, providing access to educational services and automated information systems, such as an electronic encyclopedia, a catalog of electronic learning resources, a catalog of training programs, to the website of the Kineu library, to AIS PLATON, to the portal DO, e-mail, internal portal, is brought to the fore. Feedback from students is carried out through the website, information stands in each building.

Students enrolled in the 1st year of study, the adviser is provided with a guide-guide, academic calendar. The area of reading rooms-2870,1 m<sup>2</sup>, the total number of seats - 473.

The library is located in the main academic building. The library has a reading room where

students can work with electronic textbooks, electronic catalog, electronic library of RMEB, audio-video materials. Electronic reading room is equipped with modern office equipment: computers, printers, scanner.

The library occupies the 4th floor of the new building of the University, its total area is 431.2 m<sup>2</sup>. The library has two structural divisions: service Department (subscription and reading room for 120 seats) and Internet room for 13 seats with 10 computers. All information resources are available to users daily from 8.30 to 18.00 (except Sunday).

Library Fund of the Institute has 01.12.2018 - 385690 copies, including in state language-27589 copies, of which educational literature -261150 copies of educational-methodical literature - 41611 copies, information resources - 82929 copies of Publications on paper be 357323 copies, electronic edition-28101. For the convenience of users in the electronic hall of the University library on CD-ROM database of intra-University publications: educational and methodical complexes of disciplines on educational programs, as well as licensed educational publications, electronic educational resources, computer training programs, etc.

The book supply of accredited educational programs is presented in table 10.

**Table 10-book Availability of accredited educational programs**

Educational program	Language	Book collection					Other publication
		Total	Educational literature	Educational and methodical literature	Science foundation	Own publication	
5B071300-Transport, transport equipment and technologies	KZ	4316	2135	498	952	101	630
	RU	16012	7112	2315	5647	87	851
5B080100 Agronomy	KZ	4406	2887	451	612	37	419
	RU	14692	7221	1365	5432	58	616
5B080600-Agricultural machinery and technology	KZ	3896	1725	567	1324	17	263
	RU	15628	6143	3215	5684	68	518
5B090900-Logistics (by industry)	KZ	2154	1047	451	454	19	183
	RU	8965	4687	1241	2614	33	390

The University for the organization of the educational process is sufficiently equipped with modern technology in classrooms, lecture halls, in all departments of the University. 19 computer classes are involved in the educational process, 6 of which are located in information and communication centers in the cities of Rudny, Arkalyk, Karabalyk, Uzunkol, Sarykol.

Educational and laboratory base and classroom Fund corresponds to the contingent of students, implemented educational programs and sanitary-epidemiological norms and requirements. Just Keeu has 36 laboratories. Projection and interactive equipment is installed in 16 lecture halls and computer classes. There are 2 specialized language classes for 22 seats, equipped with a special technique of two-way sound transmission.

Modern software is used for educational and research purposes. Academic license from Autodesk allows you to work with all engineering and graphic products of this company-AutoCAD, 3D Max, ArchiCAD, Maya, Inventor and others.

At the time of the visit, 12 Adobe Connect virtual classrooms were used in the learning process in specially equipped classrooms. Since the beginning of the use of virtual classes AdobeConnect recorded more than 3,000 lectures, which are available in the student's personal account of the distance learning system "Elsyma".

According to OP 5B080600 - "agricultural machinery and technology", OP 5B071300 - "Transport, transport machinery and technology" and 5B090900 - "logistics (by industry)" there are the following specialized classrooms and laboratories:

- Laboratory "Diagnostics and testing of power plants;
- Laboratory "Hydraulics and hydraulic machines»;
- Laboratory "Technological machines for processing of crop and livestock products»;
- Laboratories of enterprises and organizations (branches of departments - KF JSC "Agromashholding" LLP, "Agrotechmash" LLP, "Dormash", LLP "Tarlan Service Plus»);
- Laboratory "organization of train traffic", etc.

According to OP 5V080100 - "agronomy" there are the following specialized classrooms and laboratories:

- Laboratory "Ecology and agriculture»;
- Specialized Cabinet "Agrolandscape design»;
- Laboratory "Standardization and certification»;
- Specialized audience "Safety of food raw materials and food products»;
- Laboratory "technology of storage and processing of grain", etc.

### **Analytical part**

As a result of visual inspection of facilities of material base by members of VEK, we will note that for ensuring educational process of the accredited educational programs the University possesses all necessary educational and material assets. The University building meets the current sanitary standards and fire safety requirements. Classroom and laboratory facilities, classrooms and other facilities, sports facilities comply with established norms and rules.

The Commission notes that attention should be paid to and the conditions for students with disabilities should be improved.

Experts note the need for cooperation of the University library with libraries of other universities in the country, near and far abroad, which will provide students with additional resources.

Since February 2015, the University has been using its development – a system to prevent plagiarism in the final works of students. The system searches the internal database, which is updated after passage of a document, the system Antiplagiat. But there are no systems of checking written works for plagiarism using external databases, which was confirmed during an interview with representatives of the University.

*According to the results of the survey, students are satisfied with the existing educational resources of the University" completely " 89.4%; classrooms, classrooms for large groups-80%; rest rooms for students-42.4%; computer classes and Internet resources-78.8%; hostel-61.2%.*

### **Strengths/ Best practices**

- availability of sufficient material and technical base;
- availability of library resources.

**EEC recommendations for OP 5B071300 - "Transport, transport equipment and technologies", 5B080100 - "agronomy", 5B080600 - "agricultural machinery and technology", 5B090900 - "logistics (by industry)»:**

1. Implement a system to check written works for plagiarism using external databases.

**Conclusions of the EEC on the criteria of the standard "Educational resources and student support systems" for OP 5B071300 - "Transport, transport equipment and technology", 5B080100 - "agronomy", 5B080600 - "agricultural machinery and technology", 5B090900 - "logistics (by industry)": strong-2, satisfactory-7, suggests improvement-1.**



## **6.9. Standard " public Information»**

### **Evidence part**

The University regularly informs the public and key stakeholders about all aspects of its activities, conditions and features of educational programs, within the framework of existing accreditations and licenses.

Through information policy, the University demonstrates the constant development of educational programs, adaptation to the trends of education in the world. The University uses all available channels and technologies in its information work, including mass media, specialized events and conference materials. The Internet and social networks are actively used.

Sources of information about the activities of the University and the implementation of educational programs for stakeholders are the headings "Entrant", "Student", "Graduate" and "Training" on the University website [www.kineu.kz](http://www.kineu.kz) ahhh!

Defined media for the publication is a local newspaper "Kostanayskie Novosti", "Kostanay-agro", "Nash Kostanay", "Teachers +" and channel Qostanay.

The University has official pages in popular social networks:

- Facebook: <https://www.facebook.com/kineukz/>;

- Instagram: (@kineu.kz);

- Odnoklassniki: <https://ok.ru/kineukz>;

- V Kontakte: <https://vk.com/feed>;

- Youtube: <https://www.youtube.com/user/kineukz>.

The satisfaction of stakeholders in the quality of the information received and its completeness is monitored through comments on social networks, through the book of complaints and feedback form on the University website <http://kineu.kz/obratnaya-svyaz/> and through the rector's blog <http://kineu.kz/blog-rektora/>.

In order to establish feedback with students and employers, the reception on personal and other issues is carried out by deans and heads of departments at certain hours, when interested persons can obtain the necessary information. WhatsApp channel is also used to communicate with stakeholders.

Information stands, banners and signs with the names of faculties and departments are placed on the territory of the University to inform students. Open Days are held on a regular basis.

The University annually holds job Fairs, which allows graduates and employers to establish contact for the selection of the necessary personnel. As a result of such preliminary work, students before graduation get an idea of the labor market, the existing vacancies and the requirements for them.

The University regularly takes part in various rankings of higher educational institutions of Kazakhstan, as well as in external evaluation procedures.

### **Analytical part**

The analysis of the information provided on the University website showed that the University provides complete and accurate information about its activities, admission rules, educational programs, terms and form of training, contact and other useful information for students. But at the same time, the EEC notes the lack of information on explaining the national development programs of the country and the system of higher and postgraduate education, thus not fully informing students, faculty and staff about the priorities and new challenges in the field of higher education, as well as the role of Kineu in the implementation of state programs.

The University does not publish audited financial statements.

The personal pages of the teaching staff available on the site require updating and bringing them to a single form with information about the disciplines taught, publications and contacts. There is no regular updating of information on teachers, proof of this is the placement of



information about publications 5-8 years ago.

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

The survey of students conducted during the visit of VEK IAAR showed that satisfaction with the usefulness of the University website and informing students about courses, OP and academic degrees is 82.4 and 83.5%, respectively.

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

- timely, reliable and complete access to information is ensured;
- various ways of information dissemination are used.

**EEC recommendations for OP 5B071300 - "Transport, transport equipment and technologies", 5B080100 - "agronomy", 5B080600 - "agricultural machinery and technology", 5B090900 - "logistics (by industry)»:**

1. To ensure the publication on the website of the University of national programs of development of the country and education, including "Digital Kazakhstan", as well as to inform students, faculty and staff about the priorities and new challenges in the field of higher education.
2. Ensure publication of audited financial statements on the website.
3. To ensure regular updating of information on teaching staff (portfolio) on the University website, including the list of scientific publications.

**Conclusions of the EEC on the criteria of the standard "public information" for OP 5B071300 - "Transport, transport equipment and technology", 5B080100 - "agronomy", 5B080600 - "agricultural machinery and technology", 5B090900 - "logistics (by industry)": strong-3, satisfactory-7, suggests improvement-3.**

#### **6.10. Standard "Standards in the context of individual specialties»**

##### **Evidence part**

Development of educational programs 5B071300 - "Transport, transport equipment and technologies", 5B080100 - "agronomy", 5B080600 - "agricultural machinery and technology", 5B090900 - "logistics (by industry)" is aimed at obtaining the necessary theoretical and practical training by graduates.

The current state of training in the framework of the OP is supported by teaching materials, annual updating of the subject of theses, as well as the introduction of new elective disciplines, taking into account the recommendations of employers.

In order to familiarize students with the professional environment and current issues in the field of specialization, as well as to acquire skills on the basis of theoretical training for students, the following activities are carried out:

- excursions to enterprises – an important stage of obtaining reliable information about the production cycle of the enterprise. During the tour, interviews with production managers, engineers and employees are held. Students get acquainted with the production process of the enterprise, the work of staff, get an idea of the future profession;
- conducting training on the businesses specialization;
- conducting training seminars in cooperation with industrial enterprises in order to improve the professional level of the teaching staff.

Within the specialty 5B071300-"Transport, transport equipment and technologies" excursions are held in "Saryarkaavtoprom" LLP and "Evrazkaspianstal"LLP.

Within the specialty 5B080100-"agronomy" excursions are held at the enterprises of Kostanay: LLP "Kostanay research Institute of agricultural Sciences", LLP" Tazalyk 2012",

LLP "Ivolga", LLP "Olzha AK Kuduk".

Within the specialty 5B080600-"agricultural machinery and technology" excursions are held at Kostanay branch of JSC "AgromashHolding" and JSC "Agrotechmash".

The Department of 5B090900-"logistics (by industry)" tours are conducted in JSC NC "Asistencial – Kostanay branch of the road", LLP "Tsentrtranzit", LLP "Company "Zhol Zhondeushi".

Conducting classes at the enterprises of specialization provides an opportunity for professional communication with practitioners who have experience in real production conditions. This interaction is implemented through the opening of branches of departments in enterprises and organizations corresponding to the profile of training.

Specialty 5B071300 - "Transport, transport equipment and technology" branch of the Department operates on the basis of LLP "Saryarkaavtoprom".

Specialty 5V080100 - "agronomy" branches of the Department operates on the basis of LLP "Kostanay research Institute of agriculture" and LLP "Ivolga».

Specialty 5B080600 - "agricultural machinery and technology" branches of the Department operate on the basis of JSC "AgromashHolding", JSC "Agrotechmash" and LLP "Ural LTD".

Specialty 5B09090900 - " logistics (by industry) "branch of the Department operates on the basis of JSC NC"Kazakstatemirzholy - Kostanay branch of the road."

In order to approach the theory with practice and rapid adaptation of graduates to the professional environment for teaching accredited educational programs involved teachers practice. All involved specialists have basic education, practical experience, high qualification.

Monitoring the impact of innovation in the learning process on learning outcomes is carried out at different levels. At the departments - through the system of mutual attendance of training sessions, discussions at methodological seminars. At the University-through visits to master classes organized by the faculty, staff training courses, trainings.

In order to familiarize students with the professional environment and relevant issues in the field of specialization, as well as to acquire practical skills on the basis of theoretical training, the education program provides various types of practices: educational, industrial, pre-diploma. All types of practices are carried out in accordance with the standard curriculum, according to the academic calendar. The departments concluded the contract on carrying out of professional practice, which sets out the responsibilities of departments, core business and students. The departments have developed guidelines for the organization and conduct of practices, training programs. Students are trained in accordance with the order of the rector, which indicates the base of practice, the timing of its passage and heads of practice from the institution. At the end of the practice, students submit reports on the approved form.

For the purpose of employment and career guidance communication with graduates support advisors who periodically hold round tables, open Days and curatorial hours with undergraduate students.

Every year there is a fair of graduates in order to establish relations with enterprises, identify the staffing needs of domestic business, as well as employment of University graduates.

### **Analytical part**

Analysis of feedback from employers and managers of educational and industrial practices for accredited educational programs indicates that there is a pronounced practical orientation of special disciplines.

Teaching on educational programs is not always conducted with the use of modern pedagogical technologies. The Commission notes the need for regular discussions on the latest methods and technologies of accredited training on the basis of modern achievements of world science and practice in the field of specialization.

To maintain a close relationship with the practice you must develop plans for internships of the academic staff on the basis of enterprises.

Also in the process of interviewing students and teaching staff identified the need to create

a training greenhouse complex at the University, which will bring theory closer to practice.

The Commission notes the need to use in the educational process of modern literature on the disciplines of specialization. In this regard, the curricula need to be updated to include more modern literature.

Also during the interview with the students it turned out that the students of the OP "5B090900-logistics (by industry)" today do not use in the educational process of modern information and communication technologies, for example, 1C: Warehouse, SAP, Rail-Tariff, pole, D-sector. One of the priorities of the process of Informatization of modern society is the Informatization of education, which is a system of methods, processes and software and hardware integrated to collect, process, store, distribute and use information. The use of information and communication technologies help to arouse students ' interest in the subject, to activate their educational and cognitive activity. All logistics companies today mainly use the above programs.

**Strengths/ Best practices**

- the presence of accredited PLO disciplines aimed at obtaining practical experience in the application of theoretical knowledge;
- - use of modern information technologies in the process of implementation of accredited PLO.

**Recommendations of VEK for OP 5V071300 - "Transport, transport equipment and technologies", 5V080100 - "agronomy", 5V080600 - " agricultural machinery and technology»:**

1. Regularly discuss the latest methods and technologies of education on the basis of modern achievements of world science and practice in the field of specialization.
2. Ensure the creation of the University educational greenhouse complex.

**The recommendations of the expert Commission for 5B090900 OP - "logistics (by industry)»:**

1. Regularly discuss the latest methods and technologies of education on the basis of modern achievements of world science and practice in the field of specialization.
2. Ensure the use in the educational process of modern literature on the disciplines of specialization.
3. Ensure the use of information and communication technology in the educational process (1C: Warehouse, SAP, Rail-Tariff, pole, D-sector, etc.)

**Conclusions of the EEC on the criteria of the standard "Standards in the context of individual specialties" for OP 5B071300-"Transport, transport equipment and technology", 5B080100-"agronomy", 5B080600-"agricultural machinery and technology": strong - 3, satisfactory - 2, suggests improvement - 0.**

**Conclusions of the EEC on the criteria of the standard "Standards in the context of individual specialties" for OP 5B090900 - " logistics (by industry)": strong-0, satisfactory-5, suggests improvement-1.**

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

**Review of strengths for OP 5B071300 - "Transport, transport equipment and technologies", 5B080100 - "agronomy", 5B080600 - "agricultural machinery and technology", 5B090900 - "logistics (by industry)»:**

**According to the standard " management of the educational program»:**

- orientation of educational programs to meet the needs of employers, stakeholders and students.
- availability of information systems that accompany the educational process for accredited educational programs.

**According to the Standard " information Management and reporting»:**

- all students, employees and teaching staff document their consent to the processing of personal data, which ensures rational work in the field of information management.
- the University uses a developed system of communication with students, teachers and employees, used, among other things, to resolve conflicts.
- within the framework of the organized meetings of the EEC, regular monitoring of the satisfaction of the needs of the PPP, staff and students was confirmed. The information collected and analyzed by the University is effectively used in the educational and scientific activities of the University.

**According to the Standard " Development and approval of the educational program»:**

- periodic 10-12% renewal of educational programs.
- availability of the content of educational programs by students.
- adaptation of the OP to recognize its complexity in all parameters of the Bologna process.

**According to the Standard " Continuous monitoring and periodic evaluation of educational programs»:**

- the University has a good educational environment and support services that meet the objectives of educational programs.

**According to the Standard "student-Centered learning, teaching and performance assessment»:**

- functioning of a transparent appeal procedure.

**According To The Standard " Learners»:**

- flexible system of discounts on training and payment schedules.
- functioning of the feedback system to support students, including the rapid presentation of information on the results of the assessment of students ' knowledge.

**According to the Standard " Teaching staff»:**

- availability of teachers, practitioners and experts from various business sectors.

**According to the Standard " Educational resources and student support systems»:**

- availability of sufficient material and technical base;
- availability of library resources.

**According to the Standard " public Information»:**

- ensure timely, reliable and complete access to information;
- various ways of disseminating information are used.

**Standards in the context of individual specialties:**

- availability of accredited OP disciplines aimed at obtaining practical experience in the application of theoretical knowledge;
- use of modern information technologies in the process of implementation of accredited OP.



**(VIII) REVIEW RECOMMENDATIONS FOR QUALITY IMPROVEMENT FOR EACH STANDARD**

**Review recommendations for OP 5B071300 - "Transport, transport equipment and technology", 5B080100 - "agronomy", 5B080600 - " agricultural machinery and technology»:**

**According to the standard " management of the educational program»:**

- To carry out a set of measures to update and disseminate the Policy of internal quality assurance, reflecting the individuality of the University.

- To train heads of departments and educational programs in the field of risk management, to implement risk management at the level of structural units, processes and educational programs.

- On an ongoing basis to analyze and compare accredited educational programs with similar programs at the national and international levels in order to identify the strengths and weaknesses of their own programs, as well as to familiarize themselves with the best practices of other universities.

**According to the Standard " information Management and reporting»:**

- To introduce an electronic document management system into the University management process.

- To develop and implement regulations on the University website with the appointment of responsible persons and regulations for updating information.

- To organize the possibility of asynchronous communication of students and teachers in the distance learning system with the preservation of the history of messages.

**According to the Standard " Development and approval of the educational program»:**

- To strengthen the role of students in ensuring the quality of educational programs.

- Expand the list of joint and/or double-degree programs with foreign universities.

- To consider the harmonization of educational programs with the leading universities of Kazakhstan, implementing such OP.

- To consider the possibility of training faculty and program managers in other educational institutions that implement such OP.

- To develop a system of implementation of research elements in the content of accredited OP.

**According to the Standard "student-Centered learning, teaching and performance assessment»:**

- To include in the development Plans of educational programs the introduction of new forms and methods of teaching and learning, to provide feedback on the effectiveness of their use.

- To organize their own research in the field of teaching methods and evaluation of learning outcomes.

- To reflect information on the course of training and current assessments of progress in the system of distance learning and to organize access to them by students.

- To increase the share of knowledge assessment in writing during midterm examinations and examinations.

**According To The Standard " Learners»:**

- To organize work to attract foreign students to study at the University.

- To continue work on the development of external and internal academic mobility of students.

- To increase the role of the alumni Union in the activities of the University.

- Provide carrying out research work with students of accredited educational programs.

**According to the Standard " Teaching staff»:**

- To strengthen the work on academic mobility of teaching staff and attract the best foreign and domestic teachers.



- To organize on a regular basis the passage of training courses PPP on the profile of accredited OP.

**According to the Standard " Educational resources and student support systems»:**

- Implement a system for checking written works for plagiarism using external databases.

**According to the Standard " public Information»:**

- To ensure the publication on the website of the University of national programs of development of the country and education, including "Digital Kazakhstan", as well as to inform students, faculty and staff about the priorities and new challenges in the field of higher education.

- Ensure publication of audited financial statements on the website.

- To ensure regular updating of information on the faculty (portfolio) on the University website, including a list of scientific publications.

**Standards in the context of individual specialties:**

- Regularly discuss the latest teaching methods and technologies based on the latest achievements of world science and practice in the field of specialization.

- To ensure the creation of a training greenhouse complex on the territory of the University.



**Review recommendations for OP 5B090900 - "logistics "(by industry):**

**According to the standard " management of the educational program»:**

- To carry out a set of measures to update and disseminate the Policy of internal quality assurance, reflecting the individuality of the University.
- To train heads of departments and educational programs in the field of risk management, to implement risk management at the level of structural units, processes and educational programs.
- On an ongoing basis to analyze and compare accredited educational programs with similar programs at the national and international levels in order to identify the strengths and weaknesses of their own programs, as well as to familiarize themselves with the best practices of other universities.

**According to the Standard " information Management and reporting»:**

- To introduce an electronic document management system into the University management process.
- To develop and implement regulations on the University website with the appointment of responsible persons and regulations for updating information.
- To organize the possibility of asynchronous communication of students and teachers in the distance learning system with the preservation of the history of messages.

**According to the Standard " Development and approval of the educational program»:**

- To strengthen the role of students in ensuring the quality of educational programs.
- Expand the list of joint and/or double-degree programs with foreign universities.
- Rework the working curriculum taking into account the logical sequence of the study of disciplines of specialization (for example, the discipline "Production logistics", "Multi-and intermodal transport", etc. should be studied after the discipline " Fundamentals of logistics»);
- To exclude from the working curriculum discipline is not relevant to the stated trajectory and expected learning outcomes (e.g., educational path "logistics transport" study discipline "Genderology", "Fundamentals of rastenievodstva and livestock»);
- To consider the harmonization of educational programs with the leading universities of Kazakhstan, implementing such OP.
- To consider the possibility of training faculty and program managers in other educational institutions that implement such OP.
- To develop a system of implementation of research elements in the content of accredited OP.

**According to the Standard " Continuous monitoring and periodic evaluation of educational programs»:**

- To update teaching materials taking into account the modern achievements of science in the field of specialization;
- To ensure the use in the teaching of educational literature of domestic and foreign authors.

**According to the Standard "student-Centered learning, teaching and performance assessment»:**

- To include in the development Plans of educational programs the introduction of new forms and methods of teaching and learning, to provide feedback on the effectiveness of their use.
- To organize their own research in the field of teaching methods and evaluation of learning outcomes.
- To reflect information on the course of training and current assessments of progress in the system of distance learning and to organize access to them by students.
- To increase the share of knowledge assessment in writing during midterm examinations and examinations.

**According To The Standard " Learners»:**

- To organize work to attract foreign students to study at the University.

- To continue work on the development of external and internal academic mobility of students.
- To increase the role of the alumni Union in the activities of the University.
- Provide carrying out research work with students of accredited educational programs.
- To strengthen vocational guidance work to attract students.
- To provide for an increase in the amount of time allocated to the professional practice of students.

**According to the Standard " Teaching staff»:**

- To strengthen the work on academic mobility of teaching staff and attract the best foreign and domestic teachers.
- To organize on a regular basis the passage of training courses PPP on the profile of accredited OP.
- To strengthen the work to increase the number of teaching staff with basic education in the educational program "logistics (by industry)".
- To strengthen the work to increase the number of teaching staff conducting classes in the state language.
- To promote the publication of research results in cited scientific journals.
- Encourage the participation of teachers in joint research with foreign partners and international projects.

**According to the Standard " Educational resources and student support systems»:**

- Implement a system for checking written works for plagiarism using external databases.

**According to the Standard " public Information»:**

- To ensure the publication on the website of the University of national programs of development of the country and education, including "Digital Kazakhstan", as well as to inform students, faculty and staff about the priorities and new challenges in the field of higher education.
- Ensure publication of audited financial statements on the website.
- To ensure regular updating of information on the faculty (portfolio) on the University website, including a list of scientific publications.

**Standards in the context of individual specialties:**

- Regularly discuss the latest methods and technologies of training on OP cluster on the basis of modern achievements of world science and practice in the field of specialization.
- To ensure the use in the educational process of modern literature on the disciplines of specialization.
- Ensure the use of information and communication technology in the educational process (1C: Warehouse, SAP, Rail-Tariff, pole, D-sector, etc.).

**(IX) REVIEW RECOMMENDATIONS FOR THE DEVELOPMENT OF EDUCATIONAL ORGANIZATIONS**

*((List of recommendations of the EQ related to the development of GS. These recommendations do not apply to measures to improve the quality and compliance with IAAR standards))*

1. It is recommended to provide students with the necessary number of places to stay in the student hostel.
2. Carry out work to increase the classroom Fund.
3. Provide the necessary temperature conditions in classrooms.



**(X) Annex 1.1. Evaluation table "parameters of SPECIALIZED PROFILE"  
 (5B071300 - "Transport, transport equipment and technologies", 5B080600 -  
 "agricultural machinery and technology", 5B080100 - " agronomy")**

№	№	Evaluation criterion	Position of the organization of education			
			Strong	Satisfactory	Suggest improvement	Unsatisfactory
<b>Standard "educational program Management"</b>						
1	1.	The University must have a published quality assurance policy.	+			
2	2.	Quality policy should reflect the link between research, teaching and learning.			+	
3	3.	The University should demonstrate the development of a culture of quality assurance, including in the context of OP.		+		
4	4.	Commitment to quality assurance should apply to all activities performed by contractors and partners (outsourcing), including joint/double-degree education and academic mobility.		+		
5	5.	The management of the OP ensures transparency of the development plan of the OP based on the analysis of its functioning, the real positioning of the University and the focus of its activities to meet the needs of the state, employers, stakeholders and students.		+		
6	6.	The management of the OP demonstrates the functioning of mechanisms for the formation and regular revision of the development plan of the OP and monitoring its implementation, assessing the achievement of training goals, meeting the needs of students, employers and society, making decisions aimed at continuous improvement of the OP.		+		
7	7.	The management of the OP should involve representatives of stakeholder groups, including employers, trainees and PPP, in the development of the OP.		+		
8	8.	The leadership of the OP should demonstrate the individuality and uniqueness of the development plan of the OP, its consistency with national development priorities and development strategy of the organization of education.		+		
9	9.	The University should demonstrate a clear definition of	+			



		those responsible for business processes in the framework of the OP, a clear distribution of duties of staff, the division of functions of collegial bodies.				
10	10.	The management of the OP should provide evidence of the transparency of the educational program management system.	+			
11	11.	The management of the OP should demonstrate the successful functioning of the internal quality assurance system of the OP, including its design, management and monitoring, their improvement, decision-making on the basis of facts.		+		
12	12.	The management of the OP should manage the risks.			+	
13	13.	The management of the OP should ensure the participation of representatives of interested persons (employers, teachers, students) in the collective 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 should demonstrate innovation management in the framework of the OP, including the analysis and implementation of innovative proposals.			+	
15	15.	The EP management should demonstrate evidence of openness and accessibility to learners, faculty, employers and other stakeholders.	+			
16	16.	Management of the OP should be trained in education management programs.		+		
17	17.	The management of the OP should ensure that the progress made since the last external quality assurance procedure is taken into account in preparing for the next procedure.		+		
<b>Total on standard</b>			<b>5</b>	<b>9</b>	<b>3</b>	
<b>Standard "information Management and reporting"</b>						
18	1.	The University should ensure the functioning of the system of collection, analysis and management of information through the use of modern information and communication technologies and software.		+		
19	2.	The management of the OP should demonstrate the systematic use of processed, adequate information to improve the internal quality assurance system.	+			
20	3.	Within the framework of the PLO, there should be a system of regular reporting, reflecting all levels of the structure, including the assessment of the effectiveness and efficiency of departments and research.		+		
21	4.	The University should establish the frequency, forms and methods of evaluation of management of OP, the activities of collegial bodies and structural units, senior		+		

		management, implementation of research projects.				
22	5.	The University should demonstrate the definition of the order and ensure the protection of information, including the identification of responsible persons for the accuracy and timeliness of information analysis and data provision.		+		
23	6.	An important factor is the involvement of students, employees and teaching staff in the collection and analysis of information, as well as decision-making based on them.		+		
24	7.	The management of the OP should demonstrate that there is a mechanism for communication with learners, workers and other stakeholders, including conflict resolution mechanisms.	+			
25	8.	The University should provide a measure of the degree of satisfaction of the needs of faculty, staff and students within the framework of OP and demonstrate evidence of elimination of the found shortcomings.		+		
26	9.	The University should evaluate the effectiveness and efficiency of activities, including in the context of OP.		+		
		<i>Information collected and analyzed by the University should take into account:</i>				
27	10.	key performance indicator;		+		
28	11.	dynamics of the contingent of students in the context of forms and types;	+			
29	12.	level of academic performance, achievement of students and the dismissal;		+		
30	13.	satisfaction of students with the implementation of OP and the quality of education at the University;		+		
31	14.	availability of educational resources and support systems for students;	+			
32	15.	employment and career growth of graduates.	+			
33	16.	Students, employees and teaching staff must document their consent to the processing of personal data.		+		
34	17.	The guidebook of the OP should facilitate the provision of all necessary information in the relevant fields of science.		+		
<b>Total on standard</b>			<b>5</b>	<b>12</b>	<b>0</b>	
<b>Standard "development and approval of educational programs"</b>						
35	1.	The University should define and document the procedures for the development of OP and their approval at the institutional level.		+		

36	2.	The guidebook of the OP should ensure that the developed OP meets the stated objectives, including the expected learning outcomes.		+		
37	3.	The OP guide should ensure that the developed models of the OP graduate describe the learning outcomes and personal qualities.	+			
38	4.	OP leadership must demonstrate the conduct of external examinations OP.		+		
39	5.	The qualifications obtained at the end of the OP should be clearly defined, explained and consistent with a certain level of NSC.	+			
40	6.	The management of the OP should determine the impact of disciplines and professional practices on the formation of learning outcomes.	+			
41	7.	An important factor is the ability to prepare students for professional certification.	+			
42	8.	The management of the OP should provide evidence of the participation of students, faculty and other stakeholders in the development of ABOUT, ensuring their quality.				+
43	9.	The complexity of the OP should be clearly defined in Kazakhstan loans and ECTS.		+		
44	10.	Management OP should provide the content of academic disciplines and learning outcomes level (bachelor, master, doctoral).		+		
45	11.	The structure of the OP should provide for different activities corresponding to the learning outcomes.		+		
46	12.	An important factor is the presence of joint OP with foreign educational organizations.				+
<b>Total on standard</b>			<b>4</b>	<b>6</b>	<b>2</b>	

<b>Standard "Continuous monitoring and periodic evaluation of educational programs"</b>					
47	1.	The University should monitor and periodically evaluate the OP in order to achieve the goal and meet the needs of students and society. The results of these processes are aimed at continuous improvement of the OP.		+	
		<i>Monitoring and periodic OP should consider:</i>			

48	2.	the content of the programs in the light of the latest achievements of science in a particular discipline to ensure the relevance of the taught discipline;		+		
49	3.	changes in the needs of society and the professional environment;		+		
50	4.	workload, academic performance and graduation;	+			
51	5.	effectiveness of students ' assessment procedures;		+		
52	6.	expectations, needs and satisfaction of students with OP training;		+		
53	7.	educational environment and support services and their compliance with the goals of the LEADING.		+		
54	8.	The University and the management of the OP must provide evidence of the participation of students, employers and other stakeholders in the revision of the DEFINITION.		+		
55	9.	All stakeholders should be informed of any planned or undertaken actions with respect to the OP. All changes made to the OP must be published.		+		
56	10.	The management of the OP should ensure that the content and structure of the OP are reviewed in the light of changes in the labour market, employers ' requirements and social demands of the society.	+			
<b>Total on standard</b>			<b>2</b>	<b>8</b>	<b>0</b>	
<b>Standard "student-Centered learning, teaching and performance assessment"</b>						
57	1.	The leadership of the OP should ensure respect and attention to different groups of students and their needs, providing them with flexible learning paths.	+			
58	2.	The guidebook of the OP should ensure the use of different forms and methods of teaching and learning.			+	
59	3.	An important factor is the availability of own research in the field of teaching methods of academic disciplines OP.			+	
60	4.	The guidebook of the OP should demonstrate the existence of a feedback system on the use of different teaching methods and evaluation of learning outcomes.			+	
61	5.	The leadership of the OP should demonstrate support for the autonomy of students, with simultaneous guidance and assistance from the teacher.		+		
62	6.	OP leadership must demonstrate the existence of procedures for responding to complaints of students.	+			
63	7.	The University should ensure consistency, transparency and objectivity in the evaluation of learning outcomes for	+			

		each OP, including appeal.				
64	8.	The University should ensure that the procedures for assessing the learning outcomes of students OP planned learning outcomes and objectives of the program. The criteria and methods of evaluation for the OP should be published in advance.		+		
65	9.	The University should identify mechanisms to ensure the development of each graduate OP learning outcomes and ensure the completeness of their formation.		+		
66	10.	Evaluators should be familiar with modern methods of assessing learning outcomes and regularly improve their skills in this area.		+		
<b>Total on standard</b>			<b>3</b>	<b>4</b>	<b>3</b>	
<b>Standard "Students"</b>						
67	1.	The University should demonstrate the policy of formation of the contingent of students from admission to graduation and ensure transparency of its procedures. The procedures governing the life cycle of students (from admission to completion) should be defined, approved and published.		+		
68	2.	The leadership of the OP should demonstrate the implementation of special adaptation and support programs for newly enrolled and foreign students.			+	
69	3.	The University must demonstrate its compliance with the Lisbon Convention on recognition.			+	
70	4.	The University should cooperate with other educational institutions and national centres of the "European network of national information centres for academic recognition and mobility/national academic information centres for Recognition" ENIC/NARIC to ensure comparable recognition of qualifications.			+	
71	5.	Management of the OP should demonstrate the existence and application of a mechanism to recognize the results of academic mobility of students, as well as the results of additional, formal and non-formal education.			+	
72	6.	The University should provide an opportunity for external and internal mobility of students of OP, as well as assist them in obtaining external grants for training.				+
73	7.	The management of the OP should make the maximum amount of effort to provide students with places of practice, to promote the employment of graduates, to maintain communication with them.		+		
74	8.	The University must provide the graduates of the OP with documents confirming the qualifications obtained, including the achieved learning results, as well as the context, content and status of the education received and		+		



		evidence of its completion.				
75	9.	An important factor is the monitoring of employment and professional activity of graduates of OP.	+			
76	10.	The management of the OP should actively encourage students to self-education and development outside the main program (extracurricular activities).	+			
77	11.	An important factor is the existence of an existing Association/alumni Association.			+	
78	12.	An important factor is the availability of a mechanism to support gifted students.	+			
<b>Total on standard</b>			<b>6</b>	<b>4</b>	<b>2</b>	
<b>Standard "Teaching staff"</b>						
79	1.	The University should have an objective and transparent personnel policy, including recruitment, professional growth and development of personnel, ensuring the professional competence of the entire staff.		+		
80	2.	The University should demonstrate the compliance of the staff potential of the faculty with the development strategy of the University and the specifics of the OPP.		+		
81	3.	The management of the OP should demonstrate a sense of responsibility for its employees and ensure a favourable working environment for them.		+		
82	4.	The leadership of the OP should demonstrate the change in the role of the teacher in connection with the transition to student-centered learning.		+		
83	5.	The University should determine the contribution of PPP OP in the implementation of the development strategy of the University, and other strategic documents.		+		
84	6.	The University should provide opportunities for career growth and professional development of PPP OP.		+		
85	7.	The management of the OP should involve practitioners from relevant industries in teaching.	+			
86	8.	The leadership of the OP should ensure targeted actions for the development of young teachers.		+		
87	9.	The University should demonstrate the motivation of professional and personal development of teachers of OP, including the promotion of both the integration of research and education, and the use of innovative teaching methods.	+			
88	10.	An important factor is the active use of PPP information and communication technologies in the educational process (for example, on-line training, e-portfolio, MOE, etc.).		+		

89	11.	An important factor is the development of academic mobility within the OP, attracting the best foreign and domestic teachers.			+	
90	12.	An important factor is the involvement of PPP OP in society (the role of PPP 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.).			+	
<b>Total on standard</b>			<b>2</b>	<b>9</b>	<b>1</b>	
<b>Standard "Educational resources and student support systems"</b>						
91	1.	The management of the OP should demonstrate the adequacy of logistical resources and infrastructure.			+	
92	2.	OP leadership must demonstrate the existence of procedures for support of different groups of students, including informing and consulting.			+	
		The management of the OP should demonstrate the compliance of information resources with the specifics of the OP, including compliance:				
93	3.	technological support of students and teaching staff in accordance with educational programs (for example, online training, modeling, databases, data analysis programs);			+	
94	4.	library resources, including the Fund of educational, methodical and scientific literature on General education, basic and major disciplines on paper and electronic media, periodicals, access to scientific databases;			+	
95	5.	examination of the results of research, final works, theses on plagiarism;				+
96	6.	access to educational Internet resources;			+	
97	7.	the functioning of WI-FI in the territory of the organization of education.			+	
98	8.	The University should strive to ensure that the training equipment and software used for the development of OP, were similar to those used in the relevant industries.			+	
99	9.	The University must ensure compliance with safety requirements in the learning process.	+			
100	10	The University should strive to take into account the needs of different groups of students in the context of OP (adults, workers, foreign students, as well as students with disabilities).	+			
<b>Total on standard</b>			<b>2</b>	<b>7</b>	<b>1</b>	
<b>Standard "public Information"</b>						
		The information published by the University within the OP should be accurate, objective, relevant and should				

		include:				
101	1.	implemented programs, indicating the expected learning outcomes;		+		
102	2.	information on the possibility of qualification at the end of OP;		+		
103	3.	information on teaching, training, assessment procedures;		+		
104	4.	information about passing scores and training opportunities provided to students;		+		
105	5.	information on employment opportunities for graduates.		+		
106	6.	The management of the OP should use a variety of means of disseminating information (including media, web resources, information networks, etc.) to inform the General public and stakeholders.	+			
107	7.	Public awareness should include support and clarification of the country's national development programmes and higher and postgraduate education.			+	
108	8.	The University should publish audited financial statements on its own web resource.			+	
109	9.	The University should demonstrate the reflection on the web resource of information characterizing the University as a whole and in the context of the OP.	+			
110	10.	An important factor is the availability of adequate and objective information about the PPP OP, in the context of persons.			+	
111	11.	An important factor is to inform the public about cooperation and interaction with partners in the framework of the OP, including scientific/consulting organizations, business partners, social partners and educational organizations.		+		
112	12.	The University should post information and links to external resources based on the results of external evaluation procedures.		+		
113	13.	An important factor is the participation of the University and implemented OP in a variety of external evaluation procedures.	+			
<b>Total on standard</b>			<b>3</b>	<b>7</b>	<b>3</b>	
<b>Standards in the context of individual specialties</b>						
<b>TECHNICAL SCIENCES AND TECHNOLOGIES</b>						
<b>AGRICULTURAL SCIENCES</b>						
		<i>Educational programs in the areas of "Technical Sciences and technologies" and "Agricultural Sciences", such as "5B071300-Transport, transport equipment and technology", "5B080600-agricultural machinery and technology", "5B080100-agronomy",</i>				

		<i>etc., must meet the following requirements:</i>				
114	1.	In order to familiarize students with the professional environment and relevant issues in the field of specialization, as well as to acquire skills on the basis of theoretical training, the education program should include disciplines and activities aimed at obtaining practical experience and skills in the specialty in General and core disciplines in particular, including: - excursions to enterprises in the field of specialization (factories, workshops, research institutes, laboratories, training and experimental farms, etc.), - conducting individual classes or entire disciplines in the enterprise specialization, - holding seminars to solve practical problems relevant to enterprises in the field of specialization, etc.	+			
115	2.	The teaching staff involved in the education program should include full-time teachers with long-term experience as a full-time employee in enterprises in the field of specialization of the education program.	+			
116	3.	The content of all disciplines of the PLO should be more or less based and include a clear relationship with the content of the fundamental natural Sciences, such as mathematics, chemistry, physics.		+		
117	4.	The manual of the OP should provide measures to strengthen practical training in the field of specialization.	+			
118	5.	The management of the OP should provide training to students in the use of modern information technology.		+		
<b>Total on standard</b>			<b>3</b>	<b>2</b>	<b>0</b>	
<b>TOTAL</b>			<b>35</b>	<b>68</b>	<b>15</b>	

**(XI) Annex 1.2. Estimated table PARAMETERS "SPECIALIZED PROFILE"  
(5B090900-logistics (by industry))**

№	№	Evaluation criterion	Position of the organization of education			
			Strong	Satisfactory	Suggest improvement	Unsatisfactory
<b>Standard "educational program Management"</b>						
1	18.	The University must have a published quality assurance policy.	+			
2	19.	Quality policy should reflect the link between research, teaching and learning.			+	
3	20.	The University should demonstrate the development of a culture of quality assurance, including in the context of OP.		+		
4	21.	Commitment to quality assurance should apply to all activities performed by contractors and partners (outsourcing), including joint/double-degree education and academic mobility.		+		
5	22.	The management of the OP ensures transparency of the development plan of the OP based on the analysis of its functioning, the real positioning of the University and the focus of its activities to meet the needs of the state, employers, stakeholders and students.		+		
6	23.	The management of the OP demonstrates the functioning of mechanisms for the formation and regular revision of the development plan of the OP and monitoring its implementation, assessing the achievement of training goals, meeting the needs of students, employers and society, making decisions aimed at continuous improvement of the OP.		+		
7	24.	The management of the OP should involve representatives of stakeholder groups, including employers, trainees and PPP, in the development of the OP.		+		
8	25.	The leadership of the OP should demonstrate the individuality and uniqueness of the development plan of the OP, its consistency with national development priorities and development strategy of the organization of education.		+		
9	26.	The University should demonstrate a clear definition of those responsible for business processes in the framework of the OP, a clear distribution of duties of staff, the division of functions of collegial bodies.	+			



10	27.	The management of the OP should provide evidence of the transparency of the educational program management system.	+			
11	28.	The management of the OP should demonstrate the successful functioning of the internal quality assurance system of the OP, including its design, management and monitoring, their improvement, decision-making on the basis of facts.		+		
12	29.	The management of the OP should manage the risks.			+	
13	30.	The management of the OP should ensure the participation of representatives of interested persons (employers, teachers, students) in the collective management bodies of the educational program, as well as their representativeness in decision-making on the management of the educational program.	+			
14	31.	The University should demonstrate innovation management in the framework of the OP, including the analysis and implementation of innovative proposals.			+	
15	32.	The EP management should demonstrate evidence of openness and accessibility to learners, faculty, employers and other stakeholders.	+			
16	33.	Management of the OP should be trained in education management programs.		+		
17	34.	The management of the OP should ensure that the progress made since the last external quality assurance procedure is taken into account in preparing for the next procedure.		+		
<b>Total on standard</b>			<b>5</b>	<b>9</b>	<b>3</b>	
<b>Standard "information Management and reporting"</b>						
18	18.	The University should ensure the functioning of the system of collection, analysis and management of information through the use of modern information and communication technologies and software.		+		
19	19.	The management of the OP should demonstrate the systematic use of processed, adequate information to improve the internal quality assurance system.	+			
20	20.	Within the framework of the OP, there should be a system of regular reporting, reflecting all levels of the structure, including the assessment of the effectiveness and efficiency of departments and research.		+		
21	21.	The University should establish the frequency, forms and methods of evaluation of management of OP, the activities of collegial bodies and structural units, senior management, implementation of research projects.		+		
22	22.	The University should demonstrate the definition of the order and ensure the protection of information, including		+		

		the identification of responsible persons for the accuracy and timeliness of information analysis and data provision.				
23	23.	An important factor is the involvement of students, employees and teaching staff in the collection and analysis of information, as well as decision-making based on them.		+		
24	24.	The management of the OP should demonstrate that there is a mechanism for communication with learners, workers and other stakeholders, including conflict resolution mechanisms.	+			
25	25.	The University should provide a measure of the degree of satisfaction of the needs of faculty, staff and students within the framework of OP and demonstrate evidence of elimination of the found shortcomings.		+		
26	26.	The University should evaluate the effectiveness and efficiency of activities, including in the context of OP.		+		
		<i>Information collected and analyzed by the University should take into account:</i>				
27	27.	key performance indicator;		+		
28	28.	dynamics of the contingent of students in the context of forms and types;	+			
29	29.	level of academic performance, achievement of students and the dismissal;		+		
30	30.	satisfaction of students with the implementation of OP and the quality of education at the University;		+		
31	31.	availability of educational resources and support systems for students;	+			
32	32.	employment and career growth of graduates.	+			
33	33.	Students, employees and teaching staff must document their consent to the processing of personal data.		+		
34	34.	The guidebook of the OP should facilitate the provision of all necessary information in the relevant fields of science.		+		
<b>Total on standard</b>			<b>5</b>	<b>12</b>	<b>0</b>	

<b>Standard "development and approval of educational programs"</b>					
35	13.	The University should define and document the procedures for the development of OP and their approval at the institutional level.		+	

36	14.	The guidebook of the OP should ensure that the developed OP meets the stated objectives, including the expected learning outcomes.			+	
37	15.	The OP guide should ensure that the developed models of the OP graduate describe the learning outcomes and personal qualities.	+			
38	16.	OP leadership must demonstrate the conduct of external examinations OP.		+		
39	17.	The qualifications obtained at the end of the OP should be clearly defined, explained and consistent with a certain level of NSC.	+			
40	18.	The management of the OP should determine the impact of disciplines and professional practices on the formation of learning outcomes.	+			
41	19.	An important factor is the ability to prepare students for professional certification.	+			
42	20.	The management of the OP should provide evidence of the participation of students, faculty and other stakeholders in the development of ABOUT, ensuring their quality.			+	
43	21.	The complexity of the OP should be clearly defined in Kazakhstan loans and ECTS.		+		
44	22.	Management OP should provide the content of academic disciplines and learning outcomes level (bachelor, master, doctoral).		+		
45	23.	The structure of the OP should provide for different activities corresponding to the learning outcomes.		+		
46	24.	An important factor is the presence of joint OP with foreign educational organizations.			+	
<b>Total on standard</b>			<b>4</b>	<b>5</b>	<b>3</b>	
<b>Standard "Continuous monitoring and periodic evaluation of educational programs"</b>						
47	11.	The University should monitor and periodically evaluate the OP in order to achieve the goal and meet the needs of students and society. The results of these processes are aimed at continuous improvement of the OP.		+		
		Monitoring and periodic OP should consider:				
48	12.	the content of the programs in the light of the latest achievements of science in a particular discipline to ensure the relevance of the taught discipline;			+	

49	13.	changes in the needs of society and the professional environment;		+		
50	14.	workload, academic performance and graduation;	+			
51	15.	effectiveness of students ' assessment procedures;		+		
52	16.	expectations, needs and satisfaction of students with OP training;		+		
53	17.	educational environment and support services and their compliance with the goals of the LEADING.		+		
54	18.	The University and the management of the OP must provide evidence of the participation of students, employers and other stakeholders in the revision of the DEFINITION.		+		
55	19.	All stakeholders should be informed of any planned or undertaken actions with respect to the OP. All changes made to the OP must be published.		+		
56	20.	The management of the OP should ensure that the content and structure of the OP are reviewed in the light of changes in the labour market, employers ' requirements and social demands of the society.	+			
<b>Total on standard</b>			<b>2</b>	<b>7</b>	<b>1</b>	
<b>Standard "student-Centered learning, teaching and performance assessment"</b>						
57	11.	The leadership of the OP should ensure respect and attention to different groups of students and their needs, providing them with flexible learning paths.	+			
58	12.	The guidebook of the OP should ensure the use of different forms and methods of teaching and learning.			+	
59	13.	An important factor is the availability of own research in the field of teaching methods of academic disciplines OP.			+	
60	14.	The guidebook of the OP should demonstrate the existence of a feedback system on the use of different teaching methods and evaluation of learning outcomes.			+	
61	15.	The leadership of the OP should demonstrate support for the autonomy of students, with simultaneous guidance and assistance from the teacher.		+		
62	16.	OP leadership must demonstrate the existence of procedures for responding to complaints of students.	+			
63	17.	The University should ensure consistency, transparency and objectivity in the evaluation of learning outcomes for each OP, including appeal.	+			
64	18.	The University should ensure that the procedures for assessing the learning outcomes of students OP planned learning outcomes and objectives of the program. The criteria and methods of evaluation for the OP should be		+		

		published in advance.				
65	19.	The University should identify mechanisms to ensure the development of each graduate OP learning outcomes and ensure the completeness of their formation.		+		
66	20.	Evaluators should be familiar with modern methods of assessing learning outcomes and regularly improve their skills in this area.		+		
<b>Total on standard</b>			<b>3</b>	<b>4</b>	<b>3</b>	
<b>Standard "Students"</b>						
67	13.	The University should demonstrate the policy of formation of the contingent of students from admission to graduation and ensure transparency of its procedures. The procedures governing the life cycle of students (from admission to completion) should be defined, approved and published.	+			
68	14.	The leadership of the OP should demonstrate the implementation of special adaptation and support programs for newly enrolled and foreign students.		+		
69	15.	The University must demonstrate its compliance with the Lisbon Convention on recognition.		+		
70	16.	The University should cooperate with other educational institutions and national centres of the "European network of national information centres for academic recognition and mobility/national academic information centres for Recognition" ENIC/NARIC to ensure comparable recognition of qualifications.		+		
71	17.	Management of the OP should demonstrate the existence and application of a mechanism to recognize the results of academic mobility of students, as well as the results of additional, formal and non-formal education.		+		
72	18.	The University should provide an opportunity for external and internal mobility of students of OP, as well as assist them in obtaining external grants for training.			+	
73	19.	The management of the OP should make the maximum amount of effort to provide students with places of practice, to promote the employment of graduates, to maintain communication with them.	+			
74	20.	The University must provide the graduates of the OP with documents confirming the qualifications obtained, including the achieved learning results, as well as the context, content and status of the education received and evidence of its completion.	+			
75	21.	An important factor is the monitoring of employment and professional activity of graduates of OP.	+			
76	22.	The management of the OP should actively encourage students to self-education and development outside the	+			



		main program (extracurricular activities).				
77	23.	An important factor is the existence of an existing Association/alumni Association.			+	
78	24.	An important factor is the availability of a mechanism to support gifted students.	+			
<b>Total on standard</b>			<b>6</b>	<b>4</b>	<b>2</b>	
<b>Standard "Teaching staff"</b>						
79	13.	The University should have an objective and transparent personnel policy, including recruitment, professional growth and development of personnel, ensuring the professional competence of the entire staff.		+		
80	14.	The University should demonstrate the compliance of the staff potential of the faculty with the development strategy of the University and the specifics of the OPP.			+	
81	15.	The management of the OP should demonstrate a sense of responsibility for its employees and ensure a favourable working environment for them.		+		
82	16.	The leadership of the OP should demonstrate the change in the role of the teacher in connection with the transition to student-centered learning.		+		
83	17.	The University should determine the contribution of PPP OP in the implementation of the development strategy of the University, and other strategic documents.		+		
84	18.	The University should provide opportunities for career growth and professional development of PPP OP.		+		
85	19.	The management of the OP should involve practitioners from relevant industries in teaching.	+			
86	20.	The leadership of the OP should ensure targeted actions for the development of young teachers.		+		
87	21.	The University should demonstrate the motivation of professional and personal development of teachers of OP, including the promotion of both the integration of research and education, and the use of innovative teaching methods.	+			
88	22.	An important factor is the active use of PPP information and communication technologies in the educational process (for example, on-line training, e-portfolio, MOE, etc.).		+		
89	23.	An important factor is the development of academic mobility within the OP, attracting the best foreign and domestic teachers.			+	
90	24.	An important factor is the involvement of PPP OP in society (the role of PPP 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.).				
<b>Total on standard</b>			<b>2</b>	<b>8</b>	<b>2</b>	
<b>Standard "Educational resources and student support systems"</b>						
91	1.	The management of the OP should demonstrate the adequacy of logistical resources and infrastructure.		+		
92	2.	OP leadership must demonstrate the existence of procedures for support of different groups of students, including informing and consulting.		+		
		The management of the OP should demonstrate the compliance of information resources with the specifics of the OP, including compliance:				
93	3.	technological support of students and teaching staff in accordance with educational programs (for example, online training, modeling, databases, data analysis programs);		+		
94	4.	library resources, including the Fund of educational, methodical and scientific literature on General education, basic and major disciplines on paper and electronic media, periodicals, access to scientific databases;		+		
95	5.	examination of the results of research, final works, theses on plagiarism;			+	
96	6.	access to educational Internet resources;		+		
97	7.	the functioning of WI-FI in the territory of the organization of education.		+		
98	8.	The University should strive to ensure that the training equipment and software used for the development of OP, were similar to those used in the relevant industries.		+		
99	9.	The University must ensure compliance with safety requirements in the learning process.	+			
100	10	The University should strive to take into account the needs of different groups of students in the context of OP (adults, workers, foreign students, as well as students with disabilities).	+			
<b>Total on standard</b>			<b>2</b>	<b>7</b>	<b>1</b>	
<b>Standard "public Information"</b>						
		<i>The information published by the University within the OP should be accurate, objective, relevant and should include:</i>				
101	1.	implemented programs, indicating the expected learning outcomes;		+		
102	2.	information on the possibility of qualification at the end of OP;		+		

103	3.	information on teaching, training, assessment procedures;		+		
104	4.	information about passing scores and training opportunities provided to students;		+		
105	5.	information on employment opportunities for graduates.		+		
106	6.	The management of the OP should use a variety of means of disseminating information (including media, web resources, information networks, etc.) to inform the General public and stakeholders.	+			
107	7.	Public awareness should include support and clarification of the country's national development programmes and higher and postgraduate education.			+	
108	8.	The University should publish audited financial statements on its own web resource.			+	
109	9.	The University should demonstrate the reflection on the web resource of information characterizing the University as a whole and in the context of the OP.	+			
110	10.	An important factor is the availability of adequate and objective information about the PPP OP, in the context of persons.			+	
111	11.	An important factor is to inform the public about cooperation and interaction with partners in the framework of the OP, including scientific/consulting organizations, business partners, social partners and educational organizations.		+		
112	12.	The University should post information and links to external resources based on the results of external evaluation procedures.		+		
113	13.	An important factor is the participation of the University and implemented OP in a variety of external evaluation procedures.	+			
<b>Total on standard</b>			<b>3</b>	<b>7</b>	<b>3</b>	
<b>Standards in the context of individual specialties</b>						
<b>SERVICES</b>						
		<i>Educational programs in the direction of "SERVICES", such as " 5B090900-logistics (by industry)", etc., must meet the following requirements:</i>				
114	1.	The management of the OP should demonstrate that the teaching in the framework of the program is based on modern achievements of world science and practice in the field of specialization, as well as using modern and advanced teaching methods;			+	
115	2.	The management of OP should guarantee access of students to the most modern and actual data (statistics, news, scientific results) in the field of specialization on paper (Newspapers, collections of statistical data,		+		

		textbooks) and electronic media;				
116	3.	Goals, respectively, and the results of training should be aimed at getting students specific skills in demand in the labor market;		+		
117	4.	The management of the OP should demonstrate that graduates of the program have these skills and that these skills are really in demand in the market;		+		
118	5.	The OP should include a significant number of disciplines and activities aimed at obtaining practical experience of students in the application of theoretical knowledge, such as industrial practice, training in enterprises, participation in lectures and seminars of practitioners, etc.;		+		
119	6	The management of the OP should demonstrate an analysis of the labor market and give examples of successful employment of graduates.		+		
<b>Total on standard</b>			<b>0</b>	<b>5</b>	<b>1</b>	
<b>TOTAL</b>			<b>32</b>	<b>68</b>	<b>19</b>	

