



«АККРЕДИТЕУ ЖӘНЕ РЕЙТИНГТІҢ
ТӘУЕЛСІЗ АГЕНТТІГІ» КЕМ

НУ «НЕЗАВИСИМОЕ АГЕНТСТВО
АККРЕДИТАЦИИ И РЕЙТИНГА»

INDEPENDENT AGENCY FOR
ACCREDITATION AND RATING

REPORT

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

6B07307 Land management (reaccreditation)

7M07308 Land management (reaccreditation)

8D07308 Land management (reaccreditation)

6B07308 Cadastre (reaccreditation)

7M07309 Cadastre (reaccreditation)

8D07309 Cadastre (reaccreditation)

KAZAKH NATIONAL AGRARIAN RESEARCH UNIVERSITY
in the period from December 7 to December 9 , 2020

INDEPENDENT AGENCY FOR ACCREDITATION AND RATING
External expert commission

Addressed to
IAAR
Accreditation Council



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(I) LIST OF SYMBOLS AND ABBREVIATIONS

BD – Basic disciplines
 EEC -External expert commission
 SOSE– State obligatory standard of education
 UNT– Unified National Testing
 ECTS– European Credit Transfer System
 ISP– Individual study plan
 KPI– Key performance indicator
 KazNAU– Kazakh National Agrarian University
 CED– Catalog of elective disciplines
 MEP– Modular educational program,
 IAAR – Independent agency of accreditation and rating
 RW- Research work
 GED– General education disciplines
 EP- Educational programs
 MD– Major disciplines
 TS– Teaching staff
 PROP– Plan for the development of the educational program
 RK -The Republic of Kazakhstan
 WC– Working curriculum
 media- media
 UMKD– Educational and methodological complex of the discipline
 UMC– Educational and Methodological Council
 US- Academic Council



(II) INTRODUCTION

In accordance with order No. 125-20-OD dated 12/11/2020 of the Independent Agency for Accreditation and Rating from December 07 to 09, 2020, an external expert commission assessed the conformity of educational programs 6B07307 Land management, 7M07308 Land management, 8D07308 Land management, 6B07308 Cadastre, 7M07309 Cadastre, 8D07309 Cadastre of the Kazakh National Agrarian Research University (city of.) standards of specialized accreditation of the IAAR (No. 10-17-OD dated February 24, 2017, fifth edition).

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

The composition of the EEC:

1. Chairman of the IAAR Commission– Bratsikhin Andrey Alexandrovich, Doctor of Technical Sciences, Acting Rector of FSBEI HE “Izhevsk State Agricultural Academy” (Russian Federation, Udmurt Republic, Izhevsk);

2. Foreign expert IAAR– Belousov Alexander Valerievich, Ph.D. Gubkin (Russian Federation, Moscow);

3. Foreign expert IAAR– Livia Nistor-Lopatenco, Ph.Dr. in Engineering, Dean of the Faculty Constructions, Geodesy and Cadastre, Technical University of Moldova (Chisinau, Republic of Moldova);

4. Foreign expert IAAR– Ryadnov Alexey Anatolyevich, Doctor of Biological Sciences, Professor, Corresponding Member. Russian Academy of Natural Sciences, Volgograd State Agrarian University, expert of the Federal Accreditation Agency (Volgograd, RF);

5. IAAR Expert– Nurabaev Daulen Myrzaevich, Candidate of Technical Sciences, Associate Professor, Taraz Regional University named after M.Kh. Dulati (Taraz, Kazakhstan);

6. IAAR Expert– Akybayeva Gulvira Sovetbekovna, PhD in Economics, Astana IT University (Nur-Sultan);

7. Employer IAAR– Pilipenko Yury Alexandrovich, Chairman of the Board of Directors, International Association of Producers of Goods and Services “EXPOBEST” (Almaty);

8. IAAR student -Bobkova Svetlana Sergeevna, 4th year student of the program "Finance", Kostanay Regional University named after A. Baitursynov (Kostanay);

9. IAAR student- Gabitkyzy Dinara, 2nd year student of the educational program "Cadastre", International Educational Corporation, Representative of the Alliance of Students of Kazakhstan (Almaty);

10. Observer from the Agency– Kanapyanov Timur Yerbolatovich, PhD, Head of International Projects and Public Relations of the IAAR (Nur-Sultan).

(III) DESCRIPTION OF THE EDUCATIONAL ORGANIZATION

The Kazakh National Agrarian University was founded in 1996 on the basis of two institutes: the Almaty Veterinary Institute, which was founded in 1929, and the Kazakh Agricultural Institute (1930). In 2001, by the Decree of the President of the Republic of Kazakhstan, Nazarbayev N.A. awarded the status of a National University. In 2010, the university began to transform into the National Research University and was awarded the status of an innovation-oriented university. KazNAU has a state license No. KZ42LAA00006720 dated March 25, 2016 for the right to conduct educational activities in the field of higher and postgraduate professional education (Appendix). NJSC KazNAU passed the procedure of institutional accreditation in the ALE of the Kazakhstan Association for Engineering Education KAZSEE. Accreditation certificate No. 1920 KE 0025 (12.06).

Today the university is: Republican educational and methodological center; Coordinator for the development of academic mobility (implemented through the Global Consortium, as well as projects and programs "Tempus", "Erasmus Mundus", "Bolashak", DAAD, FET and others); Member of the Global Consortium, which unites more than 300 agricultural universities in the world; Member of 8 international consortiums.

The University annually organizes International Summer and Winter Schools, the participants of which are scientists from partner universities in Europe, undergraduates from foreign and Kazakh universities. Evidence of an increase in the quality level is that in 2020 the university entered the top 600 world universities in the QS WUR ranking. In the Green Metric world ranking, the university is the national coordinator and ranks 96th.

KazNAU operates the Agrotechnological HUB, the Kazakh-Japanese Innovation Center, the Innovative Scientific and Educational Center, which includes: the Kazakh-Korean Innovation Center, the Water Innovation Center (Water Hub), the Kazakh-Belarusian Innovation Center, the Center for Sustainable Agriculture, an innovative greenhouse, educational and scientific -research laboratories for training specialists within the framework of the state program of industrial and innovative development, Innovation and Consulting Center named after Tamshybayeva Zlikha Zhanbolatovna, N. Nazarbayev Center for Education and Science, Situation Center ..

Contingent of students of accredited EPs as of November 01, 2020 is:

- 6B07307 Land management - 80 students, including in the state language - 80, of which: on the basis of a state educational grant - 70 people, on a commercial basis - 10, full-time education - 80 students, distance learning - 0 students¹;
- 7M07308 Land management - 2 undergraduates, including in the state language - 2, of which: on the basis of a state educational grant - 1 person, on a commercial basis - 1, full-time education - 2 undergraduates, distance learning - 0 students¹;
- 8D07308 Land management - 6 doctoral students, including in the state language - 6, of which: on the basis of a state educational grant - 6 people, on a commercial basis - 0, full-time education - 6 doctoral students, distance learning - 0 students¹;
- 6B07308 Cadastre - 84 students, including in the state language - 84, of which: on the basis of a state educational grant - 77 people, on a commercial basis - 7, full-time education - 84 students, distance learning - 0 students¹;
- 7M07309 Cadastre - 2 undergraduates, including in the state language - 2, of which: on the basis of a state educational grant - 1 person, on a commercial basis - 1, full-time education - 2 undergraduates, distance learning - 0 students¹;
- 8D07309 Cadastre - 5 doctoral students, including in the state language - 5, of which: on the basis of a state educational grant - 5 people, on a commercial basis - 0, full-time education - 5 doctoral students, distance learning - 0 students¹;

¹during the visit due to the pandemic, all educational programs are implemented remotely

Currently, the preparation of bachelors and masters in all EPs is carried out on the basis of license No. KZ42LAA00006720 dated March 25, 2016, issued by the Committee for Control in Education and Science of the Ministry of Education and Science of the Republic of Kazakhstan.

Information about the department "Land resources and cadastre"

According to information from the official website of KazNAU, "The main mission of the department is to train a new generation of specialists in the field of rational use and protection of land in close connection with production and research activities.

The activities of the department are aimed at implementing the tasks of developing a vocational education system for training specialists in new industries within the economy, creating an accessible system of agricultural and vocational education that can provide training for competitive personnel at the international level.

The qualitative and quantitative composition of the teachers of the department:

The department "Land Resources and Cadastre" in the 2020/2021 academic year has 18 teachers:

- 1 head of the department - candidate of sciences;
- 2 professors, doctors of sciences;
- 1 professor, candidate of sciences;
- 1 associate professor, PhD;
- 3 associate professors, candidates of sciences;
- 4 associate professors, PhD;
- 2 senior teachers, masters of sciences;
- 1 Senior Lecturer, PhD;
- 1 teacher;
- 2 assistants, masters.

The educational process is provided by 3 employees from among the teaching and support staff.

The degree of teaching staff is 62%, including: 3 people. (14%) Doctors of Sciences, 5 people. (24%) Candidates of Sciences, 5 people. (24%) Ph.D.

The average age of the teaching staff in the department is 50 years.

Employment of graduates of the last three years on accredited EPs of the cluster:

- EP 6B07307 Land management - 2017-2018 - 72%, 2018-2019 - 81%, 2019-2020 - 87%;
- EP 7M07308 Land management - 2017-2018 - 63%, 2018-2019 - 75%, 2019-2020 - 100%;
- EP 8D07308 Land management - 2017-2018 - 100%, 2018-2019 - 100%, 2019-2020 - 100%;
- EP 6B07308 Cadastre - 2017-2018 - 100%, 2018-2019 - 86%, 2019-2020 - 87%;
- EP 7M07309 Cadastre - 2017-2018 - 50%, 2018-2019 - 75%, 2019-2020 - 100%;
- EP 8D07309 Cadastre - 2017-2018 - 100%, 2018-2019 - 100%, 2019-2020 - 100%;

Academic mobility for accredited EPs of the cluster for the period 2015-2020: outgoing mobility: EP 7M07308 Land management - 20; EP 7M07309 Cadastre - 18; incoming mobility - 0

Research, economic contract projects for the department in the context of accredited EPs of the cluster:

Implementation of research projects financed from the state budget:

No. p / p	Name of scientific topics	Full name of the performer	Date due	Financing	Expected results	Performance
one	2	3	4	five	6	7
one	Research development and of the methods for the	Dzhulamanov T.D.	2018-2020	Ministry of Education and Science of the	scientific report	2020

	rational use of land resources using remote sensing materials.			Republic of Kazakhstan, grant funding 60 million tenge		
2	Interactive digital map of the natural forage lands of Kazakhstan at a scale of 1: 200,000 for monitoring and managing land resources	Mirzadinov R.A.	2018-2020	Ministry of Education and Science of the Republic of Kazakhstan, grant funding 121.580 million tenge	scientific report	2020
3	Improving the methodology for assessing and choosing an effective way to increase the cadastral value of agricultural land in the Republic of Kazakhstan.	Akhmedzhanov T.K.	2018-2020	Ministry of Education and Science of the Republic of Kazakhstan, grant funding 240 million tenge	scientific report	2020

(IV) DESCRIPTION OF THE PREVIOUS ACCREDITATION PROCESS

In accordance with the order of the Independent Agency for Accreditation and Rating dated November 30, 2015 No. 34-15-OD, an external expert commission assessed the conformity of educational programs 5B090300 - "Land management", 6M090300 - "Land management", 6D090300 - "Land management" at the Kazakh National Agrarian University, 5B090700 - "Cadastre", 6M090700 - "Cadastre", 6D090700 - "Cadastre" according to the standards of specialized accreditation of the IAAR (dated April 26, 2012 No. 08-OD, second edition).

On December 24, 2015, by the decision of the Accreditation Council, educational programs were accredited for a period of 5 years.

The composition of the previous EEC:

1. Chairman of the Commission - Nasambaev Edige Gapuovich, Doctor of Agricultural Sciences, Professor, West Kazakhstan Agrarian and Technical University named after. Zhangir Khan (Uralsk);
2. Foreign expert – Velta Yanovna Parshova, Doctor of Economics, Latvian Agricultural University;
3. Foreign expert - Gabdrakhimov Kamil Makhmutovich, Doctor of Agricultural Sciences, Professor, Bashkir State Agrarian University, Ufa, (Bashkiria, RF);
4. Expert - Baigurin Zhaksybek Zhakupbekovich, Doctor of Technical Sciences, Professor Kazakh National Technical University. K. Satpaeva (Almaty);
5. Expert - Aubakirova Zhanar Yakhiyaevna, Doctor of Economics, Professor, Kazakh National University. al-Farabi (Almaty);
6. Expert - Shapkenov Bauyrzhan Kaydarovich, Ph.D., Professor, Pavlodar State University. S. Toraigyrov (Pavlodar);
7. Expert - Akylbek Muratovich Nurgaliev, Ph.D. in Economics, Associate Professor, Zhangir Khan West Kazakhstan Agrarian and Technical University, Department of Ecology and Nature Management (Uralsk);
8. Expert - Asangaliev Elibek Atrauovich, Academician of MAIL, Associate Professor, Candidate of Agricultural Sciences, East Kazakhstan State Technical University. D. Serikbaeva (Ust-Kamenogorsk);
9. Expert - Tugambayeva Salima Manatovna, Ph.D., Associate Professor State University. Shakarim of the city of Semey (Semey);

10. Expert - Nazym Sapargaliyzy Sapargaliyeva, Kazakh National University. Al-Farabi Associate Professor of the Department of Biodiversity and Bioresources (Almaty);
11. Employer - Mukataev Serikgali Mukhametkarimovich, Balkhash-Alakol water management basin (Almaty);
12. Student - Bektememesov Zholaman Maktagaliuly - KazNU named after. Al-Farabi, 2nd year undergraduate, MKM-2 group (Almaty);
13. Observer from the Agency - Aimurzieva Aigerim Urinbaevna, Project Manager of the Agency (Astana).

Based on the results of the EEC assessment, the following recommendations were made on EP 5B090300 - "Land management", 6M090300 - "Land management", 6D090300 - "Land management", 5B090700 - "Cadastre", 6M090700 - "Cadastre", 6D090700 - "Cadastre":

According to the Standard "Management of the educational program"

- to strengthen the career guidance work of the teaching staff of the EP through cooperation with the administration of educational institutions at the district and regional levels, providing consulting assistance to applicants from rural schools in preparing for the UNT, choosing a specialty, organizing Olympiads in UNT disciplines in rural schools, holding an "Open Day" at faculty.

- to negotiate with akims of the regions on the allocation of grants for students on the educational program.

According to the Standard "Specificity of the educational program"

- to intensify work on the involvement of students in the framework of specialized research on the EP

According to the Standard "Students"

- activation of the publication activity of undergraduates in foreign publications

According to the Standard "Resources available to educational programs"

- to increase the equipment with scientific journals on paper

According to the Standard "Standards in the context of individual specialties"

- diversify the forms of cooperation with employers (opening branches of departments, specialized laboratories, field studies, etc.)

To implement the recommendations, the university developed an action plan approved in 2016. The results of the implementation of the planned activities are reflected in the Reports of IAAR experts on the assessment of the implementation of the recommendations of the EEC IAAR, formed based on the results of specialized accreditation OP 5B090300 - "Land management", 6M090300 - "Land management", 6D090300 - "Land management", 5B090700 - "Cadastre", 6M090700 - "Cadastre", 6D090700 - "Cadastre": Kazakh National Agrarian University (stage 1 - December 4-5, 2017, stage 2 - January 2020), in the Report on the implementation of the recommendations of the EEC IAAR of the Kazakh National Agrarian University.

Post-accreditation monitoring of the activities of the Kazakh National Agrarian University was carried out as part of the action plan for the implementation of the recommendations of the EEC and was carried out in accordance with the requirements of the regulation on conducting post-accreditation monitoring dated December 26, 2011.

During the visit, EEC experts analyzed the recommendations implemented by the university.

conclusions:

According to the Standard "Management of the educational program"

1. The Department of "Land Management and Cadastre" pays great attention to career guidance work (mainly for bachelor's degree programs): the possibilities of the media are widely used, such as image publications about the activities of the department, faculty, university in the republican media, in the newspaper "Agrouniversitet", responses in print media, promotional products (booklets) are used for visual information. The university website <http://www.kaznu.kz/> has all the necessary information for applicants to KazNAU in the public domain. During the

reporting period, career guidance work was carried out in the East Kazakhstan region; in the city of Issyk, Enbekshikazakh district; in schools of Almaty No. 5, No. 26, No. 31, No. 44, No. 23.

2. The university is negotiating with akims of regions and districts to allocate grants for students in EP departments. Thus, work was organized on cooperation with the akimat of the East Kazakhstan region. There is a positive trend in the reception of the contingent on the rural quota

Thus, the recommendations of the previous have been implemented.

According to the Standard "Management of the educational program"

The number of students involved in specialized research on EP is insignificant.

Thus, the recommendation of the previous EEC is being implemented, but not fully implemented, there is a positive trend in the implementation of the recommendation.

Incomplete implementation of the recommendation is associated with the growth phase of the contingent and the small number of students in master's and doctoral programs, in which research work is mainly concentrated. 100% of undergraduates and doctoral students are involved in scientific research.

According to the Standard "Students"

There is a positive trend in the publication activity of undergraduates and doctoral students in foreign publications.

Thus, the recommendation of the previous EEC is being implemented.

According to the Standard "Resources available to educational programs"

The scientific library of KazNAU acquired the following magazines - the Kazakh edition "Banks of Kazakhstan", "Economics and Law of Kazakhstan", "Kainar University Bulletin", "Turan University Bulletin", "Labor Issues". "Agrarian sector", "Business sector of Kazakhstan: a reference book", "Bulletin of KazNU named after al-Farabi. Series of international relations and international law", "Science of sales: from technology to art"; Russian edition "AIC: Economics, Management", "Marketing", "Russian Economic Journal", "Economics of Agricultural and Processing Enterprises", "International Life", "Product Quality Control (Conformity Assessment Methods)", "Quality Management Methods", "Logistics and supply chain management", "Food industry". "Harvard Business Review", "Agricultural Science", "Actual Problems of Economics", "Audit and Financial Analysis", "Banking Management", "Bulletin of Russian Agricultural Science", "Innovations in Management", "Quality Management", "Personnel Management", "Financial Risk Management", "Financial Management", "Finance and Economics. Analysis. Forecast"; foreign edition "European Journal of Soil Science + Soil Use and Management".

Thus, the recommendation of the previous EEC has been implemented.

The EEC notes that in the context of digitalization, the focus is currently shifting to electronic resources.

According to the Standard "Standards in the context of individual specialties"

The department "Land Management and Cadastre" expands the forms of cooperation with employers. For example, according to the signed memorandum, with GISKHAGI, joint work is carried out to manage master's and doctoral works, training practices are conducted, on-site classes are conducted at the production facilities at the State Enterprise "NPUzem" of the regional levels, State Institution "Department of Land Relations", RSE "NPUzem" in Almaty.

Thus, the recommendation of the previous EEC has been implemented.

(V) DESCRIPTION OF THE EXTERNAL EXPERT COMMISSION VIZIT

The work of the EEC was carried out on the basis of the approved Program for the visit of the expert commission for specialized accreditation of educational programs to the Kazakh National Agrarian Research University from December 07 to December 09, 2020.

In order to coordinate the work of the EEC, on December 6, 2020, an introductory meeting was held, during which powers were distributed among the members of the commission, the

schedule of the visit was specified, and agreement was reached on the choice of examination methods.

To obtain objective information about the quality of educational programs and the entire infrastructure of the university, to clarify the content of self-assessment reports, online meetings were held with acting. rector, vice-rectors of the university in areas of activity, heads of structural divisions, deans of faculties, heads of departments, teachers, students, graduates, employers. A total of 74 representatives took part in the meetings (Table 1).

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

Participant category	Quantity
Chairman of the Board - Rector	No
Vice-rectors	7
Heads of structural divisions	31
Heads of departments, heads of educational programs	4
teachers	7
students	15
Graduates	7
Employers	3
Total	74

During the online tour, the EEC members got acquainted with the state of the material and technical base, visited the Agrotechnological Hub, 3 classrooms of the Land Resources and Cadastre department (specialized laboratory for geodesy), including 1 specialized computer class.

At the online meeting of the EEC IAAR with the target groups of KazNAU, the mechanisms for implementing the policy of the university and the specification of individual data presented in the self-assessment report of the university were carried out.

For the period of accreditation, remote classes were attended: Zhildikbaeva A. N. (associate professor), subject "Land management of peasant (farmer) households" 08.12.2020 1310-1400. Topic of the lesson: lecture Legal and economic foundations of the organization of a farm.

During the work, members of the EEC conducted online visits to the following practice bases: KSU "Department of Land Cadastre and Technical Inspection of Real Estate-branch of NJSC "State Corporation Government for Citizens" in Almaty.

In accordance with the accreditation procedure, an online questionnaire was conducted for 7 teachers of the 1st cluster, which accounted for 29% of the number of survey participants (the total number of questionnaires of the teaching staff was 24), 37 students of the 1st cluster, which accounted for 58% of the number of survey participants (the total number of questionnaires of students - 64), including junior and senior students:

according to EP 6B07307 Land management (bachelor's degree) - 15 people;

according to EP 8D07308 Land management (PhD) - 2 people;

according to EP 6B07308 Cadastre (bachelor's degree) - 20 people.

In order to confirm the information presented in the Self-Assessment Report, the working documentation of the university was requested and analyzed by external experts. Along with this, the experts studied the Internet positioning of the university through the official website of the university.<https://www.kaznau.kz/>.

As part of the planned program, recommendations for improving the accredited educational programs of KazNAU, developed by the EEC based on the results of the examination, were presented at an online meeting with the management on 12/09/2020.

(VI) COMPLIANCE WITH THE STANDARDS OF SPECIALIZED ACCREDITATION

6.1. Standard "Management of Educational Program"

The evidentiary part

KazNAU has a published quality policy. The Policy is posted on the information and telecommunication network Internet in the public domain (https://www.kaznau.kz/page/strategiia/?link=damu_strategiiasy_453&lang=ru). The policy is available to all interested parties.

Educational programs are designed in accordance with the SES of higher and postgraduate education, approved by the Order of the Minister of Education and Science of the Republic of Kazakhstan dated October 31, 2018 No. 604, are consistent with the mission of the university and the relevant requests of employers.

The mission, goals, objectives of the University correspond to the goals and objectives of the national system of education and development of the country. The mission of the university is to create conditions for the formation of a competitive specialist in demand in the agro-industrial complex and the world scientific and educational space, as well as for the development of a socially oriented, highly cultured and tolerant personality.

Vision - NJSC KazNAU is an elite university of innovative type, a leader in the agricultural sector of Kazakhstan, Central and Central Asia: carrying out scientific and educational process at the level of international standards in cooperation with the real sector of the economy and ensuring the competitiveness of graduates in the global labor market; included in the number of 300 universities in the world ranking of the QS agency; ensuring the integration of education, science and production based on innovations in the agro-industrial complex, the mobility of students and teaching staff; creating new knowledge in the agricultural science of Kazakhstan; guaranteeing the creation of conditions for the development of human capital.

At the University, in order to maintain the mission, vision, objectives and development of a culture of quality, the Quality Assurance Policy was discussed and adopted (approved by the decision of the Rectorate No. 1 of August 31, 2019).

Improving the activities of the university is carried out through the QMS in accordance with ISO 9001-2015 standards. The University has implemented a quality management system since 2005 and cooperates with the Russian Register Auditing Company.

By order, every three years, it determines and sends internal auditors for training in accordance with the International Standard ISO 9001 for the purpose of qualitative assessment and maintenance of internal regulatory documents of KazNAU. (https://www.kaznau.kz/page/all_links/?link=all_links_477&lang=ru).

An annual schedule of internal audits is drawn up for the coming academic year to conduct internal audits for all structural units. Groups of internal auditors have been formed who have undergone external training at the Kazakhstan Quality Organization at licensed courses under the program "Internal Audit of the Quality Management System". Three internal auditors attend teaching staff classes twice a year. The assessment of the quality of the lesson is discussed with the teacher and submitted to the training department. The results of the conducted classes affect the rating of the teaching staff during scheduled certification (<http://reiting.kaznau.kz/user/login?ReturnUrl=%2f;%3E&lang=ru>).

In order to implement the mission and policy of the university in the field of quality, Quality Goals are developed for the process of the university and for all structural divisions. In addition to internal auditors, separate audits are carried out through the Academic Council, administration, Educational and Methodological Council of KazNAU. Quality management of the provided educational services is carried out by making managerial decisions at all levels based on the results of educational monitoring.

Analytical part

The EEC notes that the quality assurance policy, in general, reflects the interaction between the business community, the scientific community, teaching staff and students.

In general, the EEC notes that the reports presented are formed on the basis of formal system-wide compliance with the criteria of the IAAR Standards, but do not contain information on the implementation of the results of monitoring, analysis, surveys, feedback to improve the quality of the EP.

At the same time, information is presented in various sources (Report on the results of self-examination, EP Development Plan, KazNAU Quality Standards), there are some inconsistencies between them (for example, in terms of MNP and PMM); synchronization of information sources is required.

The contingent of undergraduate students in EP 6B07307 "Land Management" shows an increase due to an increase in the number of grants against the background of a rather sharp (twice over the past 3 years) decrease in the number of students on a contractual basis, which indicates state support for the EP, but also indicates either a limited demand for graduates, or about insufficient (according to applicants) prestige of the industry.

The contingent of students in the master's program in EP 7M07308 "Land Management" is quite small (2 people per year in 2018 - 2020, no enrollment in 2017), without a tendency to increase. Consequently, the prerequisites for the development of an integrated continuous education system of bachelor's degree - master's degree - doctoral studies are not being created.

The contingent of students in doctoral studies in EP 8B07308 "Land management" is small, with a tendency to increase. At the same time, doctoral studies are fully implemented through the grant system. It is not clear from the report whether there is an interest in the training of highly qualified personnel on the part of specialized employers, and what other sources, in addition to state grants, are other sources of attracting applicants to doctoral studies.

The contingent of undergraduate students in the EP "Cadastre" 6B07308 shows an increase due to an increase in the number of grants against the background of a rather sharp (threefold over the past 3 years: 29-18-7) decrease in the number of students on a contractual basis, which indicates state support for the EP, but also speaks either about the limited demand for graduates, or about the insufficient (according to applicants) prestige of the industry.

The contingent of students in the master's program in EP 7M07309 "Cadastre" is quite small, with a downward trend (6 people in 2017 - 2018, 1 - 2 people per year in 2018 - 2020), without a tendency to increase. Consequently, the prerequisites for the development of an integrated continuous education system of bachelor's degree - master's degree - doctoral studies are not being created.

The contingent of students in doctoral studies in EP 8B07309 "Cadastre" has a clear downward trend, which may indirectly indicate the absence of a demanded and relevant research component for this program at the university.

In general, the EEC notes that the university should focus on the uniqueness of the implemented EPs to attract applicants.

MEP EP 6B07307 "Land management", EP 6B07308 "Cadastre" complies with SOSE. The high degree of elaboration of the components of the EP allowed KazNAU to take a leading place in the ranking of educational programs of universities in Kazakhstan-2020.

KazNAU demonstrates the development of a quality assurance culture through internal and external audit, the implementation of the ISO 9001:2015 quality management system.

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

The EP management demonstrates the functioning of the mechanisms for the formation and regular revision of the EP development plan and monitoring its implementation, assessing the

achievement of learning goals, meeting the needs of students, employers and society, making decisions aimed at continuous improvement of the EP.

In the PROP, as problems, "Low motivation of the teaching staff of the department to publish scientific articles in journals with an impact factor" is indicated. At the same time, by definition, each journal has an impact factor, it is just a numerical indicator of the citation of articles published in this scientific journal.

The management of the EP involves representatives of stakeholder groups, including employers, students, graduates and teaching staff in the formation of the EP, which is reflected in the list of approval of the EP.

The leadership of the EP demonstrates the consistency of the EP with the national development priorities and the development strategy of the educational organization, but at the same time, the individuality and uniqueness of the EP is insufficient. The PROP does not contain a description of specific measures aimed at improving the quality of the EP, an analysis of the results of their implementation over the past years and a plan (including quantitative), which will make it difficult to analyze the implementation of the PROP in the future.

The management of the EP does not sufficiently demonstrate the functioning of the internal quality assurance system of the EP in terms of its monitoring and decision-making based on facts. The report and the PDP do not contain specific statistical information in the specified parts.

The university, in general, demonstrates a willingness to innovate. The information on how the processes of changes implemented on the program are analyzed and studied was left without a proper description; how the effectiveness, efficiency of changes is assessed and what actions are taken based on these data.

The management of the EP is trained in education management programs (within the framework of the QMS).

The PROP does not provide information on previous external quality assurance procedures and their consideration in preparation for the next procedure.

Strengths/Best Practice for EP 6B07307 Land Management, 7M07308 Land Management, 8D07308 Land Management, 6B07308 Cadastre, 7M07309 Cadastre, 8D07309 Cadastre

The university demonstrates a clear definition of those responsible for business processes within the EP, an unambiguous distribution of staff duties, and delimitation of the functions of collegial bodies within the quality management system. The distribution of responsibility is realized through a clear vertical of power.

Evidence of the transparency of the EP management system is presented by fully documenting the EP management process. The management of the EP conducts a SWOT analysis and identifies risks in a timely manner.

The management of the EP ensures the participation of representatives of interested parties (employers, teaching staff, students) in the collegiate management bodies of the educational program, as well as their representativeness in making decisions on the management of the educational program, employers agree on Ms, participate in the formation of programs of special disciplines, practices.

The EP guidance demonstrates evidence of openness and accessibility for students, teaching staff, employers and other stakeholders.

EEC recommendations

For EP 6B07307 Land management, 7M07308 Land management, 8D07308 Land management, 6B07308 Cadastre, 7M07309 Cadastre, 8D07309 Cadastre:

- by February 2021, bring the MEPs posted on the website in line with the State Educational Standard for the levels of postgraduate education, as well as in line with the catalog of educational programs in Kazakhstan.

- by March 2021 of the academic year, place in the public domain and periodically update information on the results of monitoring the implementation of the educational program;
- by August 2021, develop quantitative criteria for assessing the effectiveness of the EP;
- by August 2021, amend the PROP, focusing on the uniqueness of the educational programs being implemented;
- by December 2021, orient the EP development plans towards achieving specific quantitative indicators.

Conclusions of the EEC according to the criteria:

5 - strong position;

9 - satisfactory position;

3 - require improvement;

0 - mismatch.

6.2. Standard "Information Management and Reporting"

The evidentiary part

Maintenance of the mission, goals, objectives and evaluation of their effectiveness is carried out in accordance with internal regulatory documents, such as P KazNAU 502-18 "Management analysis". According to these procedures, the University collects and analyzes data to assess performance, determine the degree of implementation of the mission, goals and objectives, opportunities for continuous improvement of the service provided - the implementation of EP 6B07307, 7M07308, 8D07308 - Land Management.

In the management of the main processes (educational, methodological, scientific, educational) of the implementation of the goals of the EP, the following documents are used: decisions of collegiate governing bodies (Academic Council of the Faculty, Academic Council, Rectorate), orders of the rector and orders of vice-rectors in areas of activity, documents on students (orders on personnel, students), planning, analytical, reporting, financial and accounting documents.

To analyze compliance with the Quality System, information based on the results of the audit is used. Collection, analysis, use of information for managing the EP in terms of basic processes, audit results is automated. The databases of the EP have been formed.

The University has sufficient material, technical, information and library resources used to organize the learning process and educate students. The presence and level of the material and technical base of the university is in the process of constant renewal and increase. The library has a computer room (with Internet access) with an electronic database. Students have free access to computers, there is a reading room.

The internal quality assurance system is carried out with the help of the electronic journal of the PLATONUS program, which includes technological support for students. In addition, students can track their academic achievements.

The official website of the university contains all information about the activities of the university as a whole and separately for the EP. The site has a blog of the rector, where students and staff can write complaints and suggestions, in accordance with the provisions on combating corruption in NJSC "KazNAU".

Analysis by the management is carried out in the areas of the management system, on which decisions are made to change the Policy; improving the efficiency of processes; product improvement in relation to consumer requirements; needs and provision of resources.

The decisions taken are recorded in the minutes. The protocol serves as the basis for the development of plans, activities, further actions based on the results of the analysis.

In order to fulfill its public mission at the University, publicly, on the website, provides and regularly publishes impartial and objective information (quantitative and qualitative) about the

educational programs implemented at the University, as well as the results of the University's activities.

In all divisions of the University, office work is carried out in accordance with the approved nomenclature of cases, the safety and archiving of documents is ensured.

The presence of an internal information and educational portal, an extensive corporate network that allows access to all information resources from any computer creates the necessary conditions for high-quality training of specialists and the development of teaching staff.

According to the EP for three levels of education, based on the ISPs of students / undergraduates / doctoral students, working curricula have been drawn up. For the implementation of educational programs, the following are developed annually: the academic calendar, CED, MOP, WC, UMKD.

Such working documents as: academic calendar, CED, MOP, WC, are discussed at the graduating department, considered by the Faculty Council, approved by the Educational and Methodological Council (UMC) of the university and approved by the Academic Council (SC). RUPL contain a list of academic disciplines grouped into GED, BD and MD cycles, both for a mandatory component and an optional component. In the working curricula of the EP of postgraduate education, the disciplines are grouped into two cycles: BD and MD.

CED, in the context of EP, are coordinated by the Department of educational and methodological work, published in the printing house of KazNAU "Aitumar" and issued to deans, departments and all structural divisions of the university directly involved in the organization of the educational process. The student uses CED under the guidance of an adviser when drawing up his individual curriculum, taking into account his abilities, growth prospects, the needs of production and society. Students can get acquainted with elective disciplines in the electronic library and on the university website www.kaznau.kz.

Each student is provided with a guidebook for the entire period of study (KazNAU SPS-236 Student Guidebook, August 26, 2018), which provides basic information on the structure of the university, the location of educational buildings, libraries, hostels, a first-aid post, contact details of responsible persons for organization of the educational process, a list and a brief description of the EP of higher and postgraduate education, information on enrolling in elective disciplines of specialties.

The information resource is the Platonus system <http://es.kaznau.kz>., which is a program designed to support the processes of assessing students' knowledge within the rating system, taking exams by computer testing, filling out a rating journal, and monitoring students' knowledge. Access to the "Platonus" system is carried out through the personal account of the student. Kazakh National Agrarian University, in accordance with the Decree of the President of the Republic of Kazakhstan No. 285 dated March 15, 2020, the order of the Minister of Education and Science of the Republic of Kazakhstan No. 108 dated March 14, 2020, from March 16, 2020, switched to distance learning technology, which ensures the continuity of the educational process <https://bbb.kaznau.kz> and <http://do.kaznau.kz>.

The dean's office of the faculty "Water, land and forest resources", the head of the department "Land resources and cadastre", student support services work in the system with the following reports: a file of students and teachers; report on the student population by levels of study, EP, courses, forms of study, form of payment, etc.; report on the student population by national composition, age categories, gender, countries of arrival, etc.; report on the regions of arrival of students; statistics on the movement of students; reports on students with academic debts; reports on the formation of student applications for disciplines; reports on the workload of EMCD, syllabuses by teachers; reports on the workload of test tasks; orders for the contingent of students; session reports; reports on students' GPA;

The University uses modern information systems, information and communication technologies and software tools in order to adequately manage information. The information support of the University includes the following software: <http://kaznau.kz>, <http://es.kaznau.kz/>, <http://do.kaznau.kz/>, <http://www.kaznau.kz/page/library/>.

Once a year, a statistical report 3-NK and 1-NK is formed (annual reporting document for the republican statistical agency).

Analytical part

The system, collection, analysis and use of information is carried out to improve the accredited EP. Job descriptions, Regulations, internal regulatory documents serve as a guarantee of the lawful collection and analysis of information, a regulation on the responsibility of officials for the accuracy of information posted in the Platonus and ARTA Synergy systems.

The results of the collection, analysis of information on the issues of the accredited EP are considered at the meetings of the department and the reviewed materials serve to ensure the quality of information management of the EP implementation process.

At the same time, it should be noted that there is only general information about the possibility of systematic use of information to improve the internal quality assurance system, but specific examples of changes in recent years are not given.

Within the framework of the EP, there is a system of regular reporting that reflects all levels of the structure, including an assessment of the effectiveness and efficiency of the activities of departments and departments, scientific research. At the same time, the EEC notes that the conclusions about the positive trend in the growth of the contingent due to the effectiveness of the management of the EP seem unfounded.

Students, employees and teaching staff are involved in the processes of collecting and analyzing information.

The procedure for making a decision based on the analysis of the collected information is not reflected and examples of the decisions taken are not shown.

The university provides a measurement of the degree of satisfaction with the needs of teaching staff, staff and students within the framework of the EP, but does not publicly publish lists of identified deficiencies and evidence of their elimination.

The information collected by the university includes key performance indicators; the dynamics of the contingent of students in the context of forms and types; the level of academic achievement, student achievement and expulsion; satisfaction of students with the implementation of the EP and the quality of education at the university; availability of educational resources and support systems for students; employment and career growth of graduates.

At the same time, data on the analysis of the collected information by the university are not presented.

The procedure for issuing consent to the processing of personal data is consistent with the documented procedures of the QMS of the University.

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

Strengths/Best Practice for EP 6B07307 Land Management, 7M07308 Land Management, 8D07308 Land Management, 6B07308 Cadastre, 7M07309 Cadastre, 8D07309 Cadastre

Not identified

EEC recommendations

For EP 6B07307 Land management, 7M07308 Land management, 8D07308 Land management, 6B07308 Cadastre, 7M07309 Cadastre, 8D07309 Cadastre:

- by August 2021 (for EPs starting from 2021 enrollment) reflect the results of questionnaires and monitoring in the EP documentation, including in the case of making decisions based on them.

Conclusions of the EEC according to the criteria:

0 - strong position;

16 - satisfactory position;

- 1 - need improvement;**
0 - mismatch.

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

The evidentiary part

When forming the EP, the department "Land Resources and Cadastre" strictly adheres to the Regulations on the educational program. All types of work related to the procedure and technology for the development of the EP are controlled by the head of the department, departments of educational and methodological work of the Department of Academic Affairs. In the process of forming the EP, first of all, the goals and objectives, the learning outcomes of the EP, etc. are determined.

When formulating the goals and objectives of the EP, the main provisions of the regulatory legal framework in the field of higher and postgraduate education of the Republic of Kazakhstan are taken into account.

Working curricula (CEP), modular educational programs (MEP) are developed for the entire period of study.

The learning outcomes reflect the qualification levels and competencies of the graduate. The structure of the EP is formed by various types of educational work depending on the level of education (bachelor's, master's, doctoral studies). The EP contains goals, expected results, a list of competencies and qualifications. Qualifications correspond to a certain level of the national qualifications framework, sectoral qualifications framework and professional standards in higher and postgraduate education.

When developing the EP, the technology of modular training and modular educational programs was used. When developing the MEP, the following principles were used: integrativity (taking into account interdisciplinary connections), interaction of theory with practice, which has a developing nature of education, integration and rational use, adaptability, etc.

The EP is developed by the Working Group for each level (bachelor's, master's, doctoral studies) in three languages (Kazakh, Russian, English).

The EP is considered and approved at a meeting of the department and the Academic Council of the faculty.

Specialists of the Department for Academic Affairs, representatives of employers, departments, faculty and students participate in meetings to discuss the EP. Based on the results of the discussion, a protocol is drawn up, which indicates all the proposals and comments considered, employers' recommendations, the level of compliance of the content of the EP with the requirements of external and internal regulatory documents. The academic council of the faculty considers the content of the EP for its compliance with regulatory requirements, compliance with the principle of continuity and succession in the formation of the trajectory of the educational program.

Approval procedure for the EP: The EP is approved by the Vice-Rector of the University on the basis of the decision of the Educational and Methodological Council after the approval of the Academic Council of the faculty and the examination of the EP.

EPs are annually reviewed and improved, undergo the procedure of external and internal examination and ensure the quality of educational services.

The criteria for external expert organizations are: a participant in the state system of technical regulation of the Republic of Kazakhstan; the presence in the staff of a specialist who has completed his studies at the university in the EP "Land management", "Cadastre".

The following employers were involved in conducting external expertise during the reporting period: RSE on the right of XV "State Production Center for Land Management and Agricultural Surveys" (GISKHAGI) in Almaty; RGKP National Cartographic and Geodetic Fund, Almaty; GosNPTszem RGP Almaty branch - Almaty and Almaty region.

The examination of the EP is carried out in the above organizations and establishes their interest in its development and improvement.

The content of the EP is agreed with employers in order to increase the effectiveness of the professional competence of future specialists. Employers make recommendations when forming EP modules, and also offer elective disciplines that are significant and relevant in professional training.

For three years, scientists from abroad were involved in lecturing on the educational program: Doctor of Technical Sciences, Ass. Prof. Virginija Gurskiene (Vytautas the Great University, Lithuania), Dr., Assoc. Professor Jolanta Valciukiene (Vytautas the Great University, Lithuania), Dr., Professor Ferrukh Yildiz (Technical University, Turkey), Doctor of Economics, Professor Papaskiri Timur Valikovich (State University of Land Management, Russia), Ph.D. , Professor Nilipovsky Vasily Ivanovich (State University of Land Management, Russia). Foreign scientists are also developing EMCD in English.

The implementation of academic mobility of students is carried out through the developed joint educational programs with such universities as: Kazakh Agrotechnical University named after S.Seifullin (Astana), West Kazakhstan Technical University named after Zhangir Khan (Uralsk), University named after. Vytautas the Great (Lithuania) and the Agricultural Academy (Latvia).

New joint EP programs are being developed for the new 2021-2022 academic year. year with the State University of Land Management (Moscow).

Analytical part

The university defined and documented the procedures for the development of EPs and their approval at the institutional level.

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

The management of the EP ensured the formation of EP graduate models that describe learning outcomes and personal qualities.

External expertise in the development of the EP includes reviewing the MEP and coordination with the employing organization.

The qualification obtained upon completion of the EP is clearly defined, explained and corresponds to a certain level of NSC, agreed with employers.

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

Students, teaching staff and other stakeholders are involved in the development of the EP (at the level of EP approval).

The labor intensity of the EP is clearly defined in ECTS.

The management of the EP ensures that the content of academic disciplines and learning outcomes correspond to the level of education (bachelor's, master's, doctoral studies).

The structure of the EP provides for various types of activities that correspond to the learning outcomes.

The EEC notes that there are no specific indicators in the PROP, which may adversely affect the measurability of the results achieved when analyzing the development of the EP.

The implementation of academic mobility of students is carried out through the developed joint educational programs with such universities as: Kazakh Agrotechnical University named after S.Seifullin (Astana), West Kazakhstan Technical University named after Zhangir Khan (Uralsk), University named after. Vytautas the Great (Lithuania) and the Agricultural Academy (Latvia).

At the same time, there are no joint programs for the considered EPs.

There is a lack of incoming mobility and a low level of outgoing mobility. Judging by the results of communication with students and teachers conducted during the EEC visit, the main

obstacle to the participation of students in academic mobility programs is poor knowledge of the English language and inability to pass the entrance language test.

Strengths/Best Practice for EP 6B07307 Land Management, 7M07308 Land Management, 8D07308 Land Management, 6B07308 Cadastre, 7M07309 Cadastre, 8D07309 Cadastre

The qualification obtained upon completion of the EP is clearly defined, explained and corresponds to a certain level of NSC, agreed with employers.

EEC recommendations

For EP 6B07307 Land management, 7M07308 Land management, 8D07308 Land management, 6B07308 Cadastre, 7M07309 Cadastre, 8D07309 Cadastre:

- by August 2021, submit the EP development plan with specific measurable indicators to the management of the EP and appoint those responsible for the implementation of the plan.

- by August 2022, increase the number of hours of training in a foreign language, develop specialized courses (at least at the level of introduction to a specialty) taught in a foreign (English) language to create conditions for academic mobility.

Conclusions of the EEC according to the criteria:

1 - strong position;

10 - satisfactory position;

1 - need improvement;

0 - mismatch.

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

The evidentiary part

The evaluation of the quality of the implementation of the EP is carried out within the framework of the overall system for monitoring the quality of education, which consists in assessing the management of the EP (the level of the teaching staff, the organization of the educational process, regular assessment of the level of achievement of the goals of the program, the demand for graduates); implementation of the EP (curriculum, methodological and information support, infrastructure, educational technologies, research and development); EP results (intermediate certification, final certification). The assessment mechanisms at the department are control visits to classes (sociological surveys of participants in the educational process, reviews of external practice leaders, conclusions of the chairmen of state attestation commissions, reviewers of theses, as well as an analysis of academic performance indicators, residual knowledge, a report on the implementation of the recommendations of the EEC IAAR.

Questioning of students is carried out at the University on an ongoing basis in order to determine the quality of educational services, to identify the degree of satisfaction of students with the quality of the disciplines taught (the quality of teaching lectures, seminars and laboratory classes, the quality of tasks and the time to complete them, educational and methodological support) and to receive students' proposals in this area.

Questioning is carried out twice a year on the resource <http://survey.kaznau.kz> in Kazakh, Russian, English. The results are analyzed at the meetings of the department, and taken into account.

The departments analyze the progress of students, assess the adequacy of the labor intensity of the disciplines, based on the results of which changes are introduced into the labor intensity of the disciplines. The analysis of progress also gives the level of effectiveness of the assessment procedures for students, and the department also analyzes the correspondence between the forms of assessment of students and the results of teaching the discipline.

All proposals of students and other stakeholders are reflected in the minutes of the extended meeting, the changes made are reflected in the EP, CED and EMCD. Proposals regarding the work of support services are sent to the relevant structural units of the University.

The revision of the EP consists in the development of the PMM of the EP disciplines for each academic year, together with employers, taking into account their suggestions and comments. On the front side of the WCD is stamped agreed, the employer.

The main indicator of the effectiveness of the educational program is the share of employed graduates.

Internal assessment of the quality of education is provided through monitoring, periodic evaluation and revision of the EP at meetings of the department, the Academic Council of the Faculty, the Methodological Council of the University, the Academic Council of the University.

External evaluation of the quality of the study program is carried out through the final state certification of students, institutional accreditation of the university, as well as participation in the national rankings of the study program. Participation in national, international ratings and EP ratings - allows you to determine the strengths and weaknesses of your activities and further work on improvement. Accreditation and rating results are available to all interested parties, published in the media and posted on websites (https://www.kaznau.kz/page/strategiia/?link=universitet_reitingisi_463&lang=ru)

An important evidence of confirmation of the quality of educational programs are the results of the rating conducted at the republican level by independent agencies of the IAAR, IQAA, as well as the National Chamber of Entrepreneurs of the Republic of Kazakhstan "Atameken".

Analytical part

The procedure for monitoring and questioning students is declared, but it is not clear how this procedure is carried out in practice.

The MEP and PROP do not reflect the results of monitoring and evaluating the EP for the compliance of the content of specific disciplines with the achievements of science and technology. The effectiveness of the EP is assessed mainly through the prism of employment.

The EEC notes that it is difficult to draw conclusions about the revision of the EP due to the lack of a description of the changes on the site. Informing the public about changes in the EP is carried out through the official website (https://www.kaznau.kz/page/facultet/?name=orman_zher_resurstary_zhane_zhemiskokonis_sha_ruashlygy&var=bilim_beru_bagdarlamasy_89&lang=ru), however, changes are not singled out separately, so there is no way to understand whether the EP itself changes.

There is no information on the revision of the content and structure of the EP, taking into account changes in the labor market, the requirements of employers and the social demand of society.

Strengths/Best Practice for EP 6B07307 Land Management, 7M07308 Land Management, 8D07308 Land Management, 6B07308 Cadastre, 7M07309 Cadastre, 8D07309 Cadastre

Not identified

EEC recommendations

For EP 6B07307 Land management, 7M07308 Land management, 8D07308 Land management, 6B07308 Cadastre, 7M07309 Cadastre, 8D07309 Cadastre:

- by April 2021, ensure the publication of monitoring information in open sources.

Conclusions of the EEC according to the criteria:

0 - strong position;

10 - satisfactory position;

0 - require improvement;

0 - mismatch.*6.5. Standard "Student-Centered Learning, Teaching and Performance Evaluation"****The evidentiary part***

Student-centered learning helps students develop key and professional competencies and be competitive in the labor market, and become active and responsible citizens.

Students are provided with information materials:

- guide-guide;
- academic calendar for the academic year;
- individual curricula;
- catalogs of elective disciplines;
- working curricula of disciplines (Syllabus).

The university provides all conditions for study and research activities throughout all courses of study. The support system includes consultations with teachers on issues of an individual work program, disciplines studied. Teachers-curators supervise the process of adaptation of students who entered the University; conduct curatorial hours, which are aimed at support, assistance and advice in mastering the features of credit technology, the features of training in higher educational institutions, the choice of elective disciplines.

The student can independently:

- view your individual curriculum (ISP);
- view and upload the educational and methodological complex of disciplines (EMCD) of disciplines;
- keep track of current, rating and final grades in your electronic journal;
- take online tests by computer testing in disciplines during the interim certification;
- have the opportunity to file an appeal in the disciplines taken by the method of computer testing;
- view the transcript.

Educational documentation is presented in the Platonus system: EP, working curriculum, CED, EMCD, syllabuses. Access to the "Platonus" system is available to all students, their parents and teaching staff of the department, who have personal accounts with login and password authorization. Documentation on the content of disciplines indicating the e-mail, phone number of the teacher is in the Platonus system and the student can contact the teacher on-line. The results of current and milestone performance are also presented in the Platonus database.

Student-centered learning is of great importance in increasing the motivation and involvement of students in the educational process, the development of EP at all levels.

Analytical part

The management of the EP ensures attention to various groups of students and their needs, providing them with flexible learning paths (at least at the undergraduate level).

The management of the EP provides the use of various forms and methods of teaching and learning, including self-study: the method of problem presentation, presentations, discussions, case studies, group work, the method of critical thinking, quizzes, business and role-playing games, the blitz survey method, brain assault, etc. Innovative learning technologies have been introduced covering all types of educational work (lectures, laboratory-practical, seminars) using a multimedia learning system that is demonstrated and controlled using interactive devices, which allows solving problems at a fundamentally new information level. Network technologies and resources of global networks are used.

The EP manual demonstrates the presence of a feedback system on the use of various teaching methods and the assessment of learning outcomes through student surveys.

The management of the EP must demonstrate support for the autonomy of learners, while being guided and assisted by the teacher. Conditions for self-learning have been created.

The "Regulations on the procedure for considering complaints from students by the university management" were approved. In accordance with the Regulations "On the organization of the educational process on the credit system of education" in KazNAU, the student has the right to file a complaint to resolve certain emerging problems.

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

At the same time, examples of tasks for students are not placed in open access in MEPs and CEDs, there are no control options and there is no opportunity to understand the structure of the assessment.

The university ensures that the procedures for assessing the learning outcomes of students of the EP comply with the planned learning outcomes and program goals. Criteria and evaluation methods within the framework of the EP are published in advance.

The university has determined the mechanisms for ensuring the development of learning outcomes by each EP graduate and ensured the completeness of their formation.

Assessors are proficient in modern methods of evaluating learning outcomes and regularly improve their skills in this area, which is confirmed by the relevant certificates.

Strengths/Best Practice for EP 6B07307 Land Management, 7M07308 Land Management, 8D07308 Land Management, 6B07308 Cadastre, 7M07309 Cadastre, 8D07309 Cadastre

Not identified.

EEC recommendations

There are no recommendations.

Conclusions of the EEC according to the criteria:

0 - strong position;

10 - satisfactory position;

0 - require improvement;

0 - mismatch.

6.6. Standard "Students"

The evidentiary part

Citizens of the Republic of Kazakhstan, foreign citizens and stateless persons with a certificate of secondary basic education are admitted to the EP at the undergraduate level. Persons with a certificate of secondary basic education, "Altyn Belgi", are accepted for undergraduate studies based on the results of entrance examinations in the presence of a state order for the training of specialists in this profile, and have an advantage if the points scored in the entrance examinations are equal. Applicants for admission to the bachelor's degree pass the UNT. Enrollment in the number of students is carried out by the admission committee of KazNAU for full-time study of the university under the chairmanship of the Chairman of the Board - the Rector of the University and is issued by order of the university in the period from 20 to 31 August. For participation in the competition and for training on a paid-contractual basis, a threshold score is taken into account - at least 65 points, in each subject must be at least 5 points. The university also accepts citizens in excess of the established admission plan for training on the basis of contracts with tuition fees for legal entities and individuals (fee-contractual basis, the average cost of education per year is 640,000 tenge). An order for enrollment on a paid (contractual) basis is issued only after the conclusion of an agreement for paid education.

Citizens of the Republic of Kazakhstan, foreign citizens and stateless persons with higher basic education are admitted to the EP at the master's level. Persons with a diploma of higher basic education with honors in the relevant EP are admitted to study at the magistracy based on the results of entrance examinations in the presence of a state order for the training of specialists in this profile, and have an advantage if the points scored in the entrance examinations are equal. Applicants for admission to the magistracy pass an entrance exam in EP and a foreign language (English, German, French). At the "entrance" a master's student must have all the prerequisites necessary for mastering the relevant professional curriculum of the master's program. The list of required prerequisites is determined by the higher education institution independently. In the absence of the necessary prerequisites, the undergraduate is allowed to master them on a paid basis. In this case, training in the magistracy begins after the master student has fully mastered the prerequisites. Applicants who have studied at the previous level of training (during the period of higher education) all the prerequisites necessary for mastering the master's program and scored at least 150 points on a 100-point scale in the amount of entrance exams in the specialty and foreign language are allowed to enroll in state educational order. grading scale for a scientific and pedagogical magistracy and at least 130 points, including at least 30 points in a foreign language for a specialized magistracy. Admission to the number of undergraduates is carried out by the admissions committee of KazNAU for full-time study of the university under the chairmanship of the Chairman of the Board - the Rector of the university and is issued by order of the university in the period from August 20 to 31. The university also accepts citizens in excess of the established admission plan for training on the basis of contracts with tuition fees for legal entities and individuals (on a paid-contractual basis, the average cost of training in a master's program is 640,000 tenge per year). An order for enrollment on a paid (contractual) basis is issued only after the conclusion of an agreement for paid education. The university also accepts citizens in excess of the established admission plan for training on the basis of contracts with tuition fees for legal entities and individuals (on a paid-contractual basis, the average cost of training in a master's program is 640,000 tenge per year). An order for enrollment on a paid (contractual) basis is issued only after the conclusion of an agreement for paid education. The university also accepts citizens in excess of the established admission plan for training on the basis of contracts with tuition fees for legal entities and individuals (on a paid-contractual basis, the average cost of training in a master's program is 640,000 tenge per year). An order for enrollment on a paid (contractual) basis is issued only after the conclusion of an agreement for paid education.

Citizens of the Republic of Kazakhstan, foreign citizens and stateless persons with a master's degree and work experience of at least 1 (one) year are admitted to the EP at the doctoral level on a competitive basis. Persons with a diploma of higher basic education and a master's degree with honors in the relevant specialties are accepted for doctoral studies based on the results of entrance examinations in the presence of a state order for the training of specialists in this profile, and have an advantage in case of equality of points scored in entrance examinations.

Applicants for doctoral studies provide international certificates confirming knowledge of a foreign language in accordance with the pan-European competencies (standards) of foreign language proficiency.

Analytical part

The university has a policy of forming a contingent of students from admission to graduation and ensures the transparency of its procedures through the application of local regulations. The procedures governing the life cycle of students (from admission to completion) are defined, approved, published.

The management of the EP demonstrates the implementation of special programs of adaptation and support for newly enrolled and foreign students through the system of supervision.

The university implements the Convention on the Recognition of Qualifications Relating to Higher Education in the European Region (ETS No.165).

The university cooperates with other educational organizations within the framework of academic mobility programs.

The university has a mechanism for recognizing the results of academic mobility of students, as well as the results of additional, formal and non-formal education. At the same time, the rector of KazNAU determines the upper limit on the number of credits for studying in other universities.

The university provides an opportunity for external and internal mobility of students of the EP, and also assists them in obtaining external grants for training.

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

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

The management of the EP monitors the employment and professional activities of the EP graduates.

The EEC notes that there is no information about encouraging students to self-education and development outside the main program (extracurricular activities).

Strengths/Best Practice for EP 6B07307 Land Management, 7M07308 Land Management, 8D07308 Land Management, 6B07308 Cadastre, 7M07309 Cadastre, 8D07309 Cadastre

Not identified.

EEC recommendations

There are no recommendations.

Conclusions of the EEC according to the criteria:

0 - strong position;

12 - satisfactory position;

0 - require improvement;

0 - mismatch.

6.7. Standard "Teaching Staff"

The evidentiary part

The personnel policy of the department is fully consistent with the strategy and goals in the field of ensuring the quality of training of specialists. This is manifested in a qualified approach to the recruitment and promotion of teachers. Teachers of the disciplines of the EP have full knowledge and understanding of the subjects taught, the necessary skills and experience for the effective transfer of knowledge to students in the framework of the educational process, as well as for organizing feedback on the quality of their teaching.

The university has developed a competency-based model of teaching staff. The competence of the personnel is determined during certification. The competence of the teaching staff is also determined on the basis of determining the rating in accordance with the regulation on the establishment of an allowance for the teaching staff based on the rating.

Certification of teaching staff is carried out in accordance with the regulation on certification of teaching staff. There are different requirements for teachers holding positions of different skill levels.

Requirements for the qualification of teaching staff are determined by the order of the Minister of Education and Science of the Republic of Kazakhstan dated July 13, 2009 No. 338 "On approval of standard qualification characteristics of positions of pedagogical workers and persons equated to them."

The university creates a culture of equal opportunities for its employees based on responsibility, impeccable attitude to work and respect for each other, observes the principle of a conscientious and unprejudiced attitude towards all its employees. The university undertakes to eradicate any manifestations of injustice and discrimination when they are detected. All employees are given an equal opportunity for promotion.

The main strategic directions in improving the personnel policy of the department are:

- Creation of an effective system of human resource management. Ensuring a comprehensive analysis and forecasting of the personnel situation; improving the professional level of teaching;
- training of scientific and pedagogical personnel of the highest qualification (masters and doctors of PhD). Creation of conditions for securing highly qualified personnel at the university.

The University has developed a Regulation on the procedure for hiring, based on the Labor Code of the Republic of Kazakhstan, the Law of the Republic of Kazakhstan "On Education", Model Qualification Characteristics of the Positions of Pedagogical Workers and Equivalent Persons, approved by the Order of the Minister of Education and Science of the Republic of Kazakhstan and internal documents of the University.

Since 2018, the University has launched a pilot KPI project that characterizes the individual performance and key performance indicators of university employees. Since 2014, the PPP Rating has been launched. The main purpose of introducing KPI and rating was to increase the contribution.

Remuneration based on the results of the PPP rating is not part of the salary. When calculating the points of teaching staff, the share is taken into account according to three main criteria: educational and educational-methodical work, scientific work and research; educational and social-organizational work.

Analytical part

The university has a personnel policy that includes recruitment, professional growth and development of staff, ensuring the professional competence of the entire staff.

The university demonstrates the compliance of the personnel potential of the teaching staff with the development strategy of the university and the specifics of the EP.

The management of the EP demonstrates the awareness of responsibility for its employees and the provision of favorable working conditions for them.

At the same time, the change in the role of the teacher in connection with the transition to student-centered learning is not reflected.

Also, the description of the contribution of the teaching staff of the EP to the implementation of the development strategy of the university, and other strategic documents was not reflected.

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

The management of the EP attracts practitioners from relevant industries to teaching.

Unfortunately, purposeful actions to support young teachers and the formation of a personnel reserve were not reflected.

The university demonstrates the motivation for the professional and personal development of EP teachers.

Teaching staff actively use information and communication technologies in the educational process.

The university is trying to develop academic mobility within the framework of the EP, to attract the best foreign and domestic teachers.

The teaching staff actively participate in the life of society.

Strengths/Best Practice for EP 6B07307 Land Management, 7M07308 Land Management, 8D07308 Land Management, 6B07308 Cadastre, 7M07309 Cadastre, 8D07309 Cadastre

The university provides opportunities for career growth and professional development of the

teaching staff of the EP. The system of key performance indicators allows you to plan and adjust the trajectories of teaching staff development.

EEC recommendations

For EP 6B07307 Land management, 7M07308 Land management, 8D07308 Land management, 6B07308 Cadastre, 7M07309 Cadastre, 8D07309 Cadastre:

- by January 2023, develop a student-centered learning policy with an analysis of the main differences from the traditional teaching methodology and practice, recommendations for teaching staff on the EP.

- by August 2021, work out the possibilities of displaying the contribution of the teaching staff of the EP to the implementation of the development strategy of the university, reflect the relevant changes on the official website.

- by August 2022, develop a policy in the field of supporting young teachers and the formation of a personnel reserve for the EP, include this policy in the PROP.

Conclusions of the EEC according to the criteria:

1 - strong position;

11 - satisfactory position;

0 - require improvement;

0 - mismatch.

6.8. Standard "Education Resources and Student Support Systems"

The evidentiary part

The university has information and computer services that work to meet the educational, personal and career needs of students: a hostel, canteens, a medical center, gyms, computer centers, libraries, etc.

Students with disabilities mostly study remotely, however, if necessary, the teaching staff of the department provides consulting services at home or organizes consultations within the walls of the university, taking into account the capabilities of the student.

KazNAU allocates certain funds for training and teaching activities, provides resources for training and support of students, undergraduates and doctoral students in the EP.

The Department of Land Resources and Cadastre has an educational and material base that provides training of specialists in accordance with the necessary requirements, which includes 7 classrooms, including 1 specialized computer class.

All software tools used for the development of educational programs are similar to those used in land management organizations.

Classrooms and other educational premises are equipped with appropriate furniture, necessary household inventory and equipment.

For independent work, students can use the computer class of the library and the Internet class.

In KazNAU, academic support services for students have been created and are functioning: the registrar's office, where curators submit individual plans for students. The office of the registrar, the control room, curators provide academic support to students in the selection and development of the study program.

Students, undergraduates and doctoral students of the department have free access to the Kazakhstan National Electronic Library, the Republican Interuniversity Electronic Library www.rmeb.kz, the scientific electronic library Clarivate Analytics Web of Science, ELSEVIER POLPRED.COM ELIBRARY.RU.

The scientific and electronic library of the university works in the same vein, which provides students and teachers with access to foreign full-text databases using a license agreement with the

resource operator elibrary.ru. Students, undergraduates and doctoral students of the EP have access to personalized interactive resources on the website www.kaznau.kz in the section of the faculty - department. Students have access to the department's electronic learning resources and educational and methodological complexes on the website of the university library.

Students have access to the portal, where all electronic resources are located that help students in planning and implementing the EP.

Analytical part

The management of the EP demonstrates the sufficiency of material and technical resources and infrastructure for the contingent of senior students. At the same time, a significant increase in the contingent in the last 2 years calls into question the sufficiency of resources in the future, including computer equipment, licensed software and specialized research equipment.

The manual of the EP demonstrates the existence of procedures for supporting various groups of students, including information and counseling.

Unfortunately, there is no specific information on the creation of special conditions for persons with disabilities and disabled people.

Information resources correspond to the specifics of the EP.

The university strives to ensure that the educational equipment and software used for mastering the EP are similar to those used in the respective industries.

Compliance with safety requirements in the training process is ensured.

Strengths/Best Practice for EP 6B07307 Land Management, 7M07308 Land Management, 8D07308 Land Management, 6B07308 Cadastre, 7M07309 Cadastre, 8D07309 Cadastre

Not identified

EEC recommendations

For EP 6B07307 Land management, 7M07308 Land management, 8D07308 Land management, 6B07308 Cadastre, 7M07309 Cadastre, 8D07309 Cadastre:

- **by the beginning of the 2021/2022 academic year** develop and approve regulatory documentation for the training of persons with disabilities and the disabled;

- **by the beginning of the 2023/2024 academic year** it is recommended to update the instrument base, taking into account the increase in the number of students in the EP of the bachelor's degree;

- **by the beginning of the 2023/2024 academic year** it is recommended to conclude license agreements for the use of software, to constantly update the software.

Conclusions of the EEC according to the criteria:

0 - strong position;

8 - satisfactory position;

2 - require improvement;

0 - mismatch.

6.9. Standard " Public Information "

The evidentiary part

The means of supporting the educational process and the channel for the exchange of information are the web resources of the University.

The site contains the Development Strategy of the University (https://www.kaznau.kz/page/strategiia/?link=damu_strategiiasy_453&lang=ru), Quality Assurance Policy (https://www.kaznau.kz/page/all_links/?link=all_links_477&lang=en),

information of a scientific and educational nature - the structure, history and achievements of the University, etc.

The official website of the University <https://www.kaznau.kz/?lang=ru> operates in Kazakh, Russian and English. The site is hosted by the University, maintained and modernized by employees of the Institute of IT-Technologies.

The results of the external evaluation of the University are published on the official website in the "Strategy" - "Accreditation" section: certificates of accredited EPs of the University are presented https://www.kaznau.kz/page/strategiia/?link=akkreditue_879&lang=ru organizations; presented certificates of compliance with the requirements of the international standard.

In order to provide information about science, scientific activities of the University, as well as about planned and held conferences, competitions, olympiads and other scientific events held by the University, the Department for Research and Innovation maintains active information support on the official website of the University.

The "Rating" section (<http://kaznau.kz/>) demonstrates the participation of the University and educational programs in international and republican ratings.

Direct communication with applicants and university students is carried out through social network accounts Instagram (www.instagram.com/kaznau_people), Facebook (<https://www.facebook.com/people/>), VKontakte (<https://vk.com/kaznau1929>) twitter (https://twitter.com/kaznau_universi).

Every year, as part of career guidance, the teaching staff of the department meets with students of senior classes of secondary schools to disseminate information about educational programs, participate in city and republican events, "Open Day" for applicants and "Job Fair" (<https://www.kaznau.kz/page/talapker/?lang=en>)

Analytical part

Compliance with safety requirements in the training process is ensured. The information published by the university within the framework of the EP (off.site) is accurate, objective, up-to-date and includes the necessary sections.

The management of the EP uses a variety of ways to disseminate information about the EP.

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

The university publishes audited financial statements on its own web resource with a delay.

The university reflects on the web resource information that characterizes the university as a whole and in the context of the EP.

The department page provides information about the teaching staff (https://www.kaznau.kz/page/department/?name=zher_resurstary_zhane_kadastr&var=okytushy_professorlar_kuramy_1284&lang=ru).

Not all links about teaching staff are posted and workable.

The university informs the public about cooperation and interaction with partners within the framework of the EP, including scientific / consulting organizations, business partners, social partners and educational organizations.

The university posts information and links to external resources based on the results of external evaluation procedures (https://www.kaznau.kz/page/strategiia/?link=akkreditue_879&lang=ru).

The university participates in external evaluation procedures.

Strengths/Best Practice for EP 6B07307 Land Management, 7M07308 Land Management, 8D07308 Land Management, 6B07308 Cadastre, 7M07309 Cadastre, 8D07309 Cadastre

Not identified

EEC recommendations

There are no recommendations.

Conclusions of the EEC according to the criteria:

0 - strong position;

13 - satisfactory position;

0 - require improvement;

0 - mismatch.

*6.10. Standard "Standards in the context of individual specialties"****The evidentiary part***

The personnel policy of the department is fully consistent with the strategy and goals in the field of ensuring the quality of training of specialists. This is manifested in a qualified approach to the recruitment and promotion of teachers. Teachers of the disciplines of the EP have full knowledge and understanding of the subjects taught, the necessary skills and experience for the effective transfer of knowledge to students in the framework of the educational process, as well as for organizing feedback on the quality of their teaching.

Heads of key departments, organizations, leading experts in the field of land management are actively involved in lecturing and conducting seminars and practical classes. Involving working practitioners in the educational process allows integrating theory with practice and helps graduates quickly adapt to the professional environment.

Industrial practice is organized after students complete the study of a cycle of special disciplines. Industrial practice in the final year is organized after the completion of theoretical training. To ensure the quality of the students' internships, the graduating department "Land Resources and Cadastre" appoints a head of practice from among the teachers who has experience in production in the specialty. Monitoring of the internship is carried out by the leaders of the students from the department and the leaders from the practice base, who monitor the quality of its organization. Based on the results of the internship, the supervisor from the internship base provides a description to the student about the quality of the internship, and the student (undergraduate, doctoral student) also passes the defense of the report on the internship before the commission, formed in the department. Satisfaction monitoring based on the results of the practice is confirmed by the results of the defense of the reports.

Analytical part

The EP includes disciplines and activities aimed at gaining practical experience and skills in the specialty in general and major disciplines in particular.

The teaching staff involved in the EP includes full-time teachers with long-term experience as a full-time employee in enterprises in the field of specialization of the education program.

The content of the EP disciplines is to some extent based and includes a clear relationship with the content of the fundamental natural sciences, such as mathematics, chemistry, physics.

The leadership of the EP provides measures to strengthen practical training in the field of specialization.

The management of the EP strives to provide training for students in the field of application of modern information technologies.

Strengths/Best Practice for EP 6B07307 Land Management, 7M07308 Land Management, 8D07308 Land Management, 6B07308 Cadastre, 7M07309 Cadastre, 8D07309 Cadastre

Not identified.

EEC recommendations

There are no recommendations.

Conclusions of the EEC according to the criteria:

0 - strong position;

5 - satisfactory position;

0 - require improvement;

0 - mismatch.



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

Standard " Management of Educational Program "

For EP 6B07307 Land management, 7M07308 Land management, 8D07308 Land management, 6B07308 Cadastre, 7M07309 Cadastre, 8D07309 Cadastre:

The university demonstrates a clear definition of those responsible for business processes within the EP, an unambiguous distribution of staff duties, and delineation of the functions of collegial bodies within the quality management system. The distribution of responsibility is realized through a clear vertical of power.

Evidence of the transparency of the EP management system is presented by fully documenting the EP management process. The management of the EP conducts a SWOT analysis and identifies risks in a timely manner.

The management of the EP ensures the participation of representatives of interested parties (employers, teaching staff, students) in the collegiate management bodies of the educational program, as well as their representativeness in making decisions on the management of the educational program, employers agree on MOPs, participate in the formation of programs of special disciplines, practices.

The EP guidance demonstrates evidence of openness and accessibility for students, teaching staff, employers and other stakeholders.

Standard " Information Management and Reporting "

For EP 6B07307 Land management, 7M07308 Land management, 8D07308 Land management, 6B07308 Cadastre, 7M07309 Cadastre, 8D07309 Cadastre:

Strengths have not been identified.

Standard " Development and approval of the Educational Programme "

For EP 6B07307 Land management, 7M07308 Land management, 8D07308 Land management, 6B07308 Cadastre, 7M07309 Cadastre, 8D07309 Cadastre:

The labor intensity of the EP is clearly defined in credits and ECTS, there are available explanations on the correspondence between the labor intensity of classroom and independent work of the student.

Standard " On-Goig Monitoring and Periodic Review of Educational Programme "

For EP 6B07307 Land management, 7M07308 Land management, 8D07308 Land management, 6B07308 Cadastre, 7M07309 Cadastre, 8D07309 Cadastre:

Strengths have not been identified.

Standard " Student-Centered Learning, Teaching and Performance Evaluation "

For EP 6B07307 Land management, 7M07308 Land management, 8D07308 Land management, 6B07308 Cadastre, 7M07309 Cadastre, 8D07309 Cadastre:

Strengths have not been identified.

Standard " Students"

For EP 6B07307 Land management, 7M07308 Land management, 8D07308 Land management, 6B07308 Cadastre, 7M07309 Cadastre, 8D07309 Cadastre:

Strengths have not been identified.

Standard " Teaching Staff "

For EP 6B07307 Land management, 7M07308 Land management, 8D07308 Land management, 6B07308 Cadastre, 7M07309 Cadastre, 8D07309 Cadastre:

The university provides opportunities for career growth and professional development of the teaching staff of the EP. The system of key performance indicators allows you to plan and adjust

the trajectories of teaching staff development.

Standard " Education Resources and Student Support Systems "

For EP 6B07307 Land management, 7M07308 Land management, 8D07308 Land management, 6B07308 Cadastre, 7M07309 Cadastre, 8D07309 Cadastre:

Strengths have not been identified.

Standard " Public Information "

For EP 6B07307 Land management, 7M07308 Land management, 8D07308 Land management, 6B07308 Cadastre, 7M07309 Cadastre, 8D07309 Cadastre:

Strengths have not been identified.

Standard " Standards in the context of individual specialties"

For EP 6B07307 Land management, 7M07308 Land management, 8D07308 Land management, 6B07308 Cadastre, 7M07309 Cadastre, 8D07309 Cadastre:

Strengths have not been identified.



(VIII) OVERVIEW OF RECOMMENDATIONS ON QUALITY IMPROVEMENT**Standard " Management of Educational Program "**

For EP 6B07307 Land management, 7M07308 Land management, 8D07308 Land management, 6B07308 Cadastre, 7M07309 Cadastre, 8D07309 Cadastre:

- by February 2021, bring the MEPs posted on the website in line with the State Educational Standard for the levels of postgraduate education, as well as in line with the catalog of educational programs in Kazakhstan.
- by March 2021 of the academic year, place in the public domain and periodically update information on the results of monitoring the implementation of the educational program;
- by August 2021, develop quantitative criteria for assessing the effectiveness of the EP;
- by August 2021, amend the PROP, focusing on the uniqueness of the educational programs being implemented;
- by December 2021, orient the EP development plans towards achieving specific quantitative indicators.

Standard " Information Management and Reporting "

For EP 6B07307 Land management, 7M07308 Land management, 8D07308 Land management, 6B07308 Cadastre, 7M07309 Cadastre, 8D07309 Cadastre:

- by August 2021 (for EPs starting from 2021 enrollment) reflect the results of questionnaires and monitoring in the EP documentation, including in the case of making decisions based on them.

Standard " Development and approval of the Educational Programme "

For EP 6B07307 Land management, 7M07308 Land management, 8D07308 Land management, 6B07308 Cadastre, 7M07309 Cadastre, 8D07309 Cadastre:

- by August 2021, submit the EP development plan with specific measurable indicators to the management of the EP and appoint those responsible for the implementation of the plan.
- by August 2022, increase the number of hours of training in a foreign language, develop specialized courses (at least at the level of introduction to a specialty) taught in a foreign (English) language to create conditions for academic mobility.

Standard " On-Goig Monitoring and Periodic Review of Educational Programme "

For EP 6B07307 Land management, 7M07308 Land management, 8D07308 Land management, 6B07308 Cadastre, 7M07309 Cadastre, 8D07309 Cadastre:

- by April 2021, ensure the publication of monitoring information in open sources.

Standard " Student-Centered Learning, Teaching and Performance Evaluation "

For EP 6B07307 Land management, 7M07308 Land management, 8D07308 Land management, 6B07308 Cadastre, 7M07309 Cadastre, 8D07309 Cadastre:

There are no recommendations.

Standard " Students"

For EP 6B07307 Land management, 7M07308 Land management, 8D07308 Land management, 6B07308 Cadastre, 7M07309 Cadastre, 8D07309 Cadastre:

There are no recommendations.

Standard " Teaching Staff "

For EP 6B07307 Land management, 7M07308 Land management, 8D07308 Land management, 6B07308 Cadastre, 7M07309 Cadastre, 8D07309 Cadastre:

- by January 2023, develop a student-centered learning policy with an analysis of the main differences from the traditional teaching methodology and practice, recommendations for teaching staff on the EP.

- by August 2021, work out the possibilities of displaying the contribution of the teaching staff of the EP to the implementation of the development strategy of the university, reflect the relevant changes on the official website.

- by August 2022, develop a policy in the field of supporting young teachers and the formation of a personnel reserve for the EP, include this policy in the PROP.

Standard " Education Resources and Student Support Systems "

For EP 6B07307 Land management, 7M07308 Land management, 8D07308 Land management, 6B07308 Cadastre, 7M07309 Cadastre, 8D07309 Cadastre:

- **by the beginning of the 2021/2022 academic year** develop and approve regulatory documentation for the training of persons with disabilities and the disabled;

- **by the beginning of the 2023/2024 academic year** it is recommended to update the instrument base, taking into account the increase in the number of students in the EP of the bachelor's degree;

- **by the beginning of the 2023/2024 academic year** it is recommended to conclude license agreements for the use of software, to constantly update the software.

Standard " Public Information "

For EP 6B07307 Land management, 7M07308 Land management, 8D07308 Land management, 6B07308 Cadastre, 7M07309 Cadastre, 8D07309 Cadastre:

There are no recommendations.

Standard " Standards in the context of individual specialties"

For EP 6B07307 Land management, 7M07308 Land management, 8D07308 Land management, 6B07308 Cadastre, 7M07309 Cadastre, 8D07309 Cadastre:

There are no recommendations.

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

The EEC notes the expediency of further modernization of the infrastructure for the implementation of educational programs using distance learning technologies, an increase in the number of isolated equipped workplaces for teachers to conduct online classes, and an increase in the number of their own virtual laboratory workshops.



Appendix 1. Evaluation table "Conclusion of the external expert commission" (6B07307 Land management, 7M07308 Land management, 8D07308 Land management, 6B07308 Cadastre, 7M07309 Cadastre, 8D07309 Cadastre)

No.	No.	Criteria for evaluation	Position of the educational organization			
			strong	Satisfactory	Assumes improvement	Unsatisfactory
Standard " Management of Educational Program "						
1	1.	The institution must have a published quality assurance policy.		+		
2	2.	The quality assurance policy should reflect the relationship between research, teaching and learning.		+		
3	3.	The university must demonstrate the development of a culture of quality assurance, including in the context of EP.		+		
4	4.	Commitment to quality assurance should apply to any activity performed by contractors and partners (outsourcing), including the implementation of joint / double degree education and academic mobility.		+		
5	5.	The management of the EP ensures the transparency of the development plan for the development of the EP based on an analysis of its functioning, the real positioning of the university and the focus of its activities on meeting the needs of the state, employers, stakeholders and students.		+		
6	6.	The EP management demonstrates the functioning of the mechanisms for the formation and regular revision of the EP development plan and monitoring its implementation, assessing the achievement of learning goals, meeting the needs of students, employers and society, making decisions aimed at continuous improvement of the EP.			+	
7	7.	The EP management should involve representatives of stakeholder groups, including employers, students and teaching staff, in the formation of the EP development plan.		+		
8	8.	The EP management must demonstrate the individuality and uniqueness of the EP development plan, its consistency with national development priorities and the development strategy of the educational organization.			+	
9	9.	The university must demonstrate a clear definition of those responsible for business processes within the EP, an unambiguous distribution of staff duties, and delimitation of the functions of collegial bodies.	+			
10	10.	The management of the EP must provide evidence of the transparency of the educational program management system.	+			
11	11.	The management of the EP must demonstrate the successful functioning of the internal quality assurance system of the EP, including its design, management and monitoring, their improvement, decision-making based on facts.	+			
12	12.	The management of the EP should carry out risk management.		+		

13	13.	The management of the EP should ensure the participation of representatives of stakeholders (employers, teaching staff, students) in the collegiate management bodies of the educational program, as well as their representativeness in making decisions on the management of the educational program.	+			
12	14.	The university must demonstrate innovation management within the EP, including the analysis and implementation of innovative proposals.			+	
15	15.	The management of the EP must demonstrate evidence of openness and accessibility for students, teaching staff, employers and other interested parties.	+			
16	16.	The management of the EP must be trained in education management programs.		+		
17	17.	The management of the EP should strive to ensure that the progress made since the last external quality assurance procedure is taken into account when preparing for the next procedure.		+		
Total by standard			five	nine	3	0
Standard " Information Management and Reporting "						
18	1.	The university must ensure the functioning of the system for collecting, analyzing and managing information based on the use of modern information and communication technologies and software.		+		
19	2.	The management of the EP must demonstrate the systematic use of processed, adequate information to improve the internal quality assurance system.		+		
20	3.	Within the framework of the EP, there should be a system of regular reporting that reflects all levels of the structure, including an assessment of the effectiveness and efficiency of the activities of departments and departments, scientific research.		+		
21	4.	The university must establish the frequency, forms and methods for assessing the management of the EP, the activities of collegial bodies and structural divisions, top management, and the implementation of scientific projects.		+		
22	5.	The university must demonstrate the determination of the procedure and ensuring the protection of information, including the identification of persons responsible for the reliability and timeliness of the analysis of information and the provision of data.		+		
23	6.	An important factor is the involvement of students, employees and teaching staff in the processes of collecting and analyzing information, as well as making decisions based on them.		+		
24	7.	The management of the EP must demonstrate the existence of a mechanism for communication with students, employees and other interested parties, including the existence of mechanisms for resolving conflicts.		+		
25	8.	The university must ensure the measurement of the degree of satisfaction with the needs of teaching staff, staff and students within the framework of the EP and demonstrate evidence of the elimination of identified shortcomings.		+		
26	9.	The university should evaluate the effectiveness and efficiency of activities, including in the context of the EP.			+	

		<i>The information collected and analyzed by the university should take into account:</i>				
27	10.	key performance indicators;		+		
28	11.	the dynamics of the contingent of students in the context of forms and types;		+		
29	12.	the level of academic achievement, student achievement and expulsion;		+		
thirty	13.	satisfaction of students with the implementation of the EP 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 management of the EP should contribute to the provision of all necessary information in the relevant fields of science.		+		
Total by standard			0	16	one	0
Standard " Development and approval of the Educational Programme "						
35	1.	The university must define and document the procedures for the development of EPs and their approval at the institutional level.		+		
36	2.	The management of the EP should ensure that the developed EP complies with the established goals, including the intended learning outcomes.		+		
37	3.	The management of the EP should ensure the availability of developed models of the EP graduate that describe the learning outcomes and personal qualities.		+		
38	4.	The management of the EP must demonstrate the conduct of external reviews of the EP.		+		
39	5.	The qualification obtained upon completion of the EP must be clearly defined, explained and correspond to a certain level of NQF.		+		
40	6.	The management of the EP should determine the influence of disciplines and professional practices on the formation of learning outcomes.		+		
41	7.	An important factor is the possibility of preparing students for professional certification.		+		
42	8.	The management of the EP must provide evidence of the participation of students, teaching staff and other stakeholders in the development of the EP, ensuring their quality.		+		
43	9.	The labor intensity of the EP should be clearly defined in Kazakhstani credits and ECTS.	+			
44	10.	The management of the EP should ensure the content of academic disciplines and learning outcomes for the level of education (bachelor's, master's, doctoral studies).		+		
45	11.	The structure of the EP should provide for various types of activities corresponding to the learning outcomes.		+		
46	12.	An important factor is the presence of joint EPs with foreign educational organizations.			+	
Total by standard			1	10	1	0

Standard " On-Goig Monitoring and Periodic Review of Educational Programme "						
47	1.	The university must monitor and periodically evaluate the EP in order to ensure the achievement of the goal and meet the needs of students and society. The results of these processes are aimed at continuous improvement of the EP.		+		
		<i>Monitoring and periodic evaluation of the EP 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 discipline taught;		+		
49	3.	changes in the needs of society and the professional environment;		+		
fifty	4.	workload, performance and graduation of students;		+		
51	5.	the effectiveness of student assessment procedures;		+		
52	6.	expectations, needs and satisfaction of students with EP training;		+		
53	7.	educational environment and support services and their compliance with the objectives of the EP.		+		
54	8.	The university and the management of the EP must provide evidence of the participation of students, employers and other stakeholders in the revision of the EP.		+		
55	9.	All stakeholders must be informed of any planned or undertaken actions in relation to the EP. All changes made to the EP must be published.		+		
56	10.	The management of the EP should ensure the revision of the content and structure of the EP, taking into account changes in the labor market, the requirements of employers and the social demand of society.		+		
Total by standard			0	10	0	0
Standard " Student-Centered Learning, Teaching and Performance Evaluation "						
57	1.	The management of the EP should ensure respect and attention to the various groups of students and their needs, providing them with flexible learning paths.		+		
58	2.	The management of the EP should ensure the use of various forms and methods of teaching and learning.		+		
59	3.	An important factor is the presence of own research in the field of teaching methods of academic disciplines of the EP.		+		
60	4.	The EP management must demonstrate the existence of a feedback system on the use of various teaching methods and the assessment of learning outcomes.		+		
61	5.	The management of the EP must demonstrate support for the autonomy of learners, while being guided and assisted by the teacher.		+		
62	6.	The management of the EP must demonstrate the existence of a procedure for responding to complaints from students.		+		
63	7.	The university must ensure the consistency, transparency and objectivity of the mechanism for assessing learning outcomes for each EP, including appeal.		+		
64	8.	The university must ensure that the procedures for assessing the learning outcomes of students of the EP correspond to the planned learning outcomes and program goals. Criteria and evaluation methods within the EP should be published in advance.		+		

65	9.	The university should determine the mechanisms for ensuring the development of learning outcomes by each EP graduate and ensure the completeness of their formation.		+		
66	10.	Assessors should be proficient in modern methods of evaluating learning outcomes and regularly improve their skills in this area.		+		
Total by standard			0	10	0	0
Standard " Students"						
67	1.	The university must demonstrate the policy of forming a contingent of students from admission to graduation and ensure the transparency of its procedures. The procedures governing the life cycle of students (from admission to completion) must be defined, approved, published.		+		
68	2.	The management of the EP must demonstrate the conduct of special adaptation and support programs for newly enrolled and foreign students.		+		
69	3.	The university must demonstrate the compliance of its actions with the Lisbon Recognition Convention.		+		
70	4.	The university should cooperate with other educational organizations and national centers of the "European Network of National Information Centers for Academic Recognition and Mobility / National Academic Recognition Information Centers" ENIC / NARIC in order to ensure comparable recognition of qualifications.		+		
71	5.	The management of the EP must demonstrate the existence and application of a mechanism for recognizing the results of academic mobility of students, as well as the results of additional, formal and non-formal education.		+		
72	6.	The university should provide an opportunity for external and internal mobility of students of the EP, as well as assist them in obtaining external grants for training.		+		
73	7.	The management of the EP should make every effort to provide students with places of practice, to promote the employment of graduates, and to maintain contact with them.		+		
74	8.	The university must provide EP graduates with documents confirming the qualifications received, including the achieved learning outcomes, as well as the context, content and status of the education received and evidence of its completion.		+		
75	9.	An important factor is the monitoring of employment and professional activities of EP graduates.		+		
76	10.	The management of the EP should actively encourage students to self-education and development outside the main program (extracurricular activities).		+		
77	11.	An important factor is the existence of an active alumni association/association.		+		
78	12.	An important factor is the existence of a mechanism to support gifted students.		+		
Total by standard			0	12	0	0
Standard " Teaching Staff "						
79	1.	The university must 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 must demonstrate the compliance of the staff potential of the teaching staff with the development strategy of the university and the specifics of the EP.		+		
81	3.	The management of the EP must demonstrate awareness of responsibility for its employees and provide them with favorable working conditions.		+		
82	4.	The management of the EP should demonstrate the change in the role of the teacher in connection with the transition to student-centered learning.		+		
83	5.	The university must determine the contribution of the teaching staff of the EP to the implementation of the development strategy of the university, and other strategic documents.		+		
84	6.	The university should provide opportunities for career growth and professional development of the teaching staff of the EP.	+			
85	7.	The management of the EP should involve practitioners from relevant industries in teaching.		+		
86	8.	The management of the EP should provide targeted actions for the development of young teachers.		+		
87	9.	The university must demonstrate the motivation for the professional and personal development of EP teachers, including the promotion of both the integration of scientific activity and education, and the use of innovative teaching methods.		+		
88	10.	An important factor is the active use of information and communication technologies by the teaching staff in the educational process (for example, on-line training, e-portfolio, MEP, etc.).		+		
89	11.	An important factor is the development of academic mobility within the EP, attracting the best foreign and domestic teachers.		+		
90	12.	An important factor is the involvement of the teaching staff of the EP in the life of society (the role of the teaching staff in the education system, in the development of science, the region, the creation of a cultural environment, participation in exhibitions, creative competitions, charity programs, etc.).		+		
Total by standard			1	11	0	0
Standard " Education Resources and Student Support Systems "						
91	1.	The management of the EP must demonstrate the sufficiency of material and technical resources and infrastructure.			+	
92	2.	The management of the EP must demonstrate the existence of procedures for supporting various groups of students, including information and counseling.		+		
		<i>The management of the EP must demonstrate the compliance of information resources with the specifics of the EP, including compliance with:</i>				
93	3.	technological support for students and teaching staff in accordance with educational programs (for example, online learning, modeling, databases, data analysis programs);		+		
94	4.	library resources, including a fund of educational, methodical and scientific literature on general education, basic and major disciplines on paper and electronic media, periodicals, access to scientific databases;		+		
95	5.	access to educational Internet resources;		+		

96	6.	examination of the results of research, final works, dissertations for plagiarism;		+		
97	7.	functioning of WI-FI on the territory of the educational organization.		+		
98	8.	The university should strive to ensure that the educational equipment and software used to master the EP are similar to those used in the respective industries.		+		
99	nine.	The university must ensure compliance with safety requirements in the learning process.		+		
one hundred	10	The university should strive to take into account the needs of various groups of students in the context of the EP (adults, working, foreign students, as well as students with disabilities).			+	
Total by standard			0	8	2	0
Standard " Public Information "						
		<i>The information published by the university within the framework of the EP must be accurate, objective, up-to-date and must include:</i>				
101	1.	programs being implemented, indicating the expected learning outcomes;		+		
102	2.	information on the possibility of awarding qualifications at the end of the EP;		+		
103	3.	information about teaching, learning, assessment procedures;		+		
104	4.	information about passing scores and learning opportunities provided to students;		+		
105	5.	information about employment opportunities for graduates.		+		
106	6.	The management of the EP should use a variety of ways to disseminate information (including the media, web resources, information networks, etc.) to inform the general public and interested parties.		+		
107	7.	Informing the public should include support and explanation of national programs for the development of the country and the system of higher and postgraduate education.		+		
108	8.	The university must publish audited financial statements on its own web resource, including in the context of the EP.		+		
109	9.	The university must demonstrate the reflection on the web resource of information characterizing the university as a whole and in the context of the EP.		+		
110	10.	An important factor is the availability of adequate and objective information about the teaching staff of the EP, in the context of personalities.		+		
111	11.	An important factor is informing the public about cooperation and interaction with partners within the EP, including scientific / consulting organizations, business partners, social partners and educational organizations.		+		
112	12.	The university must 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 ongoing EPs in various external evaluation procedures.		+		
Total by standard			0	13	0	0
Standard " Standards in the context of individual specialties "						
TECHNICAL SCIENCE						

		<i>Educational programs in the direction of "Technical Sciences", for example, such as "Land Management", "Cadastre" must meet the following requirements:</i>				
114	1.	In order to familiarize students with the professional environment and current issues in the field of specialization, as well as to acquire skills based on theoretical training, the education program should include disciplines and activities aimed at gaining practical experience and skills in the specialty in general and major disciplines in particular, including h.: - <i>excursions to enterprises in the field of specialization (factories, workshops, research institutes, laboratories, educational and experimental farms, etc.),</i> - <i>conducting individual classes or entire disciplines at an enterprise of specialization,</i> - <i>holding seminars to solve practical problems relevant for enterprises in the field of specialization, etc.</i>		+		
115	2.	The teaching staff involved in the education program must include full-time faculty 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 EP disciplines should be based to some extent and include a clear relationship with the content of fundamental natural sciences, such as mathematics, chemistry, physics.		+		
117	4.	The management of the EP should provide measures to strengthen practical training in the field of specialization.		+		
118	5.	The management of the EP should provide training for students in the field of application of modern information technologies.		+		
Total by standard			0	5	0	0
TOTAL			7	104	7	0