



«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

6B08302 -Forest Resources and Forestry (reaccreditation)

7M08302 -Forest Resources and Forestry (reaccreditation)

8D08302 -Forest Resources and Forestry (reaccreditation)

6B08301 -Game Management and Fur Farming (reaccreditation)

7M08301-Game Management and Fur Farming (reaccreditation)

KAZAKH NATIONAL AGRARIAN RESEARCH UNIVERSITY
in the period from December 2 to December 4 , 2020

INDEPENDENT AGENCY FOR ACCREDITATION AND RATING
External expert commission

Addressed to
IAAR
Accreditation Council



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CONTENT

(I) LIST OF SYMBOLS AND ABBREVIATIONS.....	3
(II) INTRODUCTION.....	4
(III) DESCRIPTION OF THE EDUCATIONAL ORGANIZATION.....	5
(IV) DESCRIPTION OF THE PREVIOUS ACCREDITATION PROCESS	7
(V) DESCRIPTION OF THE EXTERNAL EXPERT COMMISSION VIZIT	10
(VI) COMPLIANCE WITH THE STANDARDS OF SPECIALIZED ACCREDITATION.....	13
6.1. Standard "Management of Educational Program"	13
6.2. Standard " Information Management and Reporting "	20
6.3. Standard "Development and approval of the Educational Programme"	24
6.4. Standard "On-Goig Monitoring and Periodic Review of Educational Programme"	28
6.5. Standard "Student-Centered Learning, Teaching and Performance Evaluation"	30
6.6. Standard "Students"	34
6.7. Standard "Teaching Staff"	39
6.8. Standard "Education Resources and Student Support Systems"	44
6.9. Standard " Public Information"	48
6.10. Standard "Standards in the context of individual specialties"	50
(VII) OVERVIEW OF STRENGTHS/BEST PRACTICES OF EACH STANDARD	54
(VIII) OVERVIEW OF RECOMMENDATIONS ON QUALITY IMPROVEMENT.....	55
Appendix 1. Evaluation table "Conclusion of the external expert commission" (6B08302 Forest resources and forestry; 7M08302 Forest resources and forestry; 8D08302 Forest resources and forestry; 6B08301 Hunting and fur farming; 7M08301 Hunting and fur farming).....	57

(I) LIST OF SYMBOLS AND ABBREVIATIONS

SOSE – State obligatory standard of education
UNT – Unified National Testing
EHEA – European Higher Education Area
ECTS – European Credit Transfer System
ICT – Information and Communication Technologies
IC – Individual Curriculum
CED – Catalog of elective disciplines
MES RK – Ministry of Education and Science of the Republic of Kazakhstan
MOP – Modular educational program
SRW – Scientific – research work
SC – Required Component
GED – General education disciplines
EP – Educational program
MD – Major disciplines
TS – Teaching Staff
RIEL – Republican interuniversity electronic library
RK – Republic of Kazakhstan
WC – Working Curriculum
QMS – Quality Management System
IWS – Independent work of students
EMCD – Educational-methodical complex of the discipline
EMC – Educational and Methodological Council



(II) INTRODUCTION

In accordance with Order No. 121-20-OD dated November 10, 2020 of the Independent Agency for Accreditation and Rating, from December 02 to December 04, 2020, an external expert commission assessed the conformity of educational programs 6B08302, 7M08302, 8D08302 -Forest Resources and Forestry , 6B08301, 7M08301-Game Management and Fur Farming of the Kazakh National Agrarian Research University (Almaty) to the standards of specialized accreditation of the IAAR (№ 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 – Shlapakova Svetlana Nikolaevna, Vice-Rector for Educational Activities and Youth Policy, Candidate of Biological Sciences, Associate Professor, Bryansk State University of Engineering and Technology (Russian Federation, Bryansk);

2. Foreign expert of IAAR – Sozinov Oleg Viktorovich, Doctor of Biological Sciences, Associate Professor, Grodno State University named after Yanka Kupala (Republic of Belarus, Grodno);

3. Foreign expert of IAAR – Leonid Volosciuc, doctorassciences (habilitat) inbiology, professor, Laboratory manager of the Institute of Genetics, Physiology and Plant Protection of the Academy of Sciences of Moldova (Republic of Moldova, Kishinev);

4. Foreign expert of IAAR – Ishenko Tatyana Leonidovna, Candidate of Technical Sciences, Dean of the Faculty of Forest industry, Voronezh State Forest Engineering University named after G.F. Morozov (Russian Federation, Voronezh);

5. Expert of IAAR – Stybaev Gani Zhasymbekovich, Candidate of Agicultural Science, professor, Kazakh Agrotechnical University named after S.Seifullina (Nur – Sultan);

6. Expert of IAAR – Nurgaliev Akylbek Muratovich, Candidate of Agicultural Science, West Kazakhstan Agrarian Technical University named after Zhangir Khan (Uralsk);

7. Expert of IAAR – Aldungarova Aliya Kairatovna, PhD, Associate Professor, Toraigyrov University (Pavlodar);

8. Expert of IAAR – Baitelenova Aliya Askerovna, Candidate of Agicultural Science, professor, Kazakh Agrotechnical University named after S.Seifullina (Nur – Sultan);

9. Employer of IAAR – Ualhanov Baizhan Nurbaevich, General Director of LLP «Pavlodar Agricultural Experimental Station» (Pavlodar);

10. Student of IAAR – Alibekova Kamilla Kanatovna, Doctoral student – 2nd year (PhD) EP 6702V004 - International Development Studies (direction: Land use, degradation of saline lands), Palacký University Olomouc (Olomouc, Czech Republic);

11. Student of IAAR – Kakimova Madina Aitbaevna, 4th year student EP «Ecology», Eurasian National University named after L.Gumilyov, Representative of the Alliance of Students of Kazakhstan (Nur – Sultan);

12. Student of IAAR – Izbasar Altynay Hasenkyzy, 4th year student EP «Forest resources and forestry», Kokshetau University named after Sh. Ualikhanov, Representative of the Alliance of Students of Kazakhstan (Kokshetau);

13. Observer for 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 established in 1996 on the basis of two institutes: the Almaty Zoo 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 № KZ42LAA00006720 dated March 25, 2016 for the right to conduct educational activities in the field of higher and postgraduate professional education. NJSC KazNAU passed the procedure of institutional accreditation in the ALE of the Kazakhstan Association for Engineering Education KAZSEE. Accreditation certificate № 1920 KE 0025 (12.06.2019-12.06.2024).

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, ErasmusMundus, 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 QSWUR ranking. In the GreenMetric world ranking, the university is the national coordinator and ranks 96th.

KazNARU 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, 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, Situational Center.

The contingent of university students as of 11/01/2020. The contingent of full-time students as of November 01, 2020 is only 6958 people, of which: on the basis of a state educational grant - 4548 people. Distance learning students - 542 people. Master students - 450 people, of which 383 people are under the state order, 218 people are doctoral students, of which 215 people are under the state order.

University staff. The total number of full-time teachers at the university as of November 1, 2020 is 783 people, of which 91 are Doctors of Science, 261 Candidates of Science, PhD - 79 people, Master students - 267 people. The average age of teaching staff at the university is 46.7 years. Academic degree - 63.1%.

The contingent of students of accredited EPs as of November 01, 2020 is:

- 6B08302 Forest resources and forestry - 442 students, including in the state language - 355, of which: on the basis of a state educational grant - 296 people, on a commercial basis - 146, full-time education - 325 students, distance learning - 117 students;

- 7M08302 Forest resources and forestry - 6 students, including in the state language - 6, of which: on the basis of a state educational grant - 5 people, on a commercial basis - 1, full-time education - 6 students, distance learning - 0 students;

- 8D08302 Forest resources and forestry - 7 students, including in the state language - 7, of which: on the basis of a state educational grant - 7 people, on a commercial basis - 0, full-time education - 7 students, distance learning - 0 students.

- 6B08301 Management and Fur Farming - 90 students, including in the state language - 88, of which: on the basis of a state educational grant - 64 people, on a commercial basis - 26, full-time education - 71 students, distance learning - 19;

- 7M08301 Management and Fur Farming - 0 students, including in the state language - 0, of which: on the basis of a state educational grant - 0 people, on a commercial basis - 0, full-time education - 0 students, distance learning - 0 students;

Information about the department «Forest resources and game management»

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

As part of the department «Forest resources and game management» in 2020-2021, 22 teaching staff work, the percentage of degrees is 54.5%, of which: candidate of agricultural sciences - 5, PhD - 2, Doctor of agricultural sciences – 2, Doctor of Economics – 2, Doctor of biological sciences -1. The average age of teaching staff in the department is 42 years.

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

- EP 6B08302 Forest resources and forestry - 2017-2018 - 90 %, 2018-2019 - 60 %, 2019-2020 – 62 %;

- EP 7M08302 Forest resources and forestry - 2017-2018 - 100%, 2018-2019 - 100 %, 2019-2020 - 80 % (1 undergraduate registered at the employment center);

- EP 8D08302 Forest resources and forestry - 2017-2018 - 100 %, 2018-2019 - 100 %, 2019-2020 - 100 %;

- EP 6B08301 Management and Fur Farming - 2017-2018 - 98 %, 2018-2019 - 62 %, 2019-2020 - 72 %;

- EP 7M08301 Management and Fur Farming - 2017-2018 - 0 % (there was no release), 2018-2019 - 100 %, 2019-2020 - 100 %;

Academic mobility for accredited EPs of the cluster for the period 2015-2020:

Outgoing mobility:

In the first semester of the 2016 - 2017 academic year, 3rd year student Kadir K. - on academic mobility for 1 semester, studied at the Padjajaran University, Bandung, Indonesia.

In the first semester of the 2017-2018 academic year, 3rd year student Beldibay Zh. - went to study for 1 semester at the Czech University of Life Sciences, Prague.

In the second semester of 2017-2018, as part of academic mobility, 3rd year student Seytimbetova S. went to study for 1 semester at the Alexander Stulginskis University, Lithuania, Kaunas.

From October 15, 2016 to February 1, 2017, Konysova Fariza, as part of academic mobility, went to study at the University of Novi Sad, Serbia.

In the second semester of 2017-2018, as part of academic mobility, 3rd year student Kabiev A. went to study for 1 semester at the Alexander Stulginskis University, Lithuania, Kaunas.

In the period from February 8 to May 8, 2017, as part of external academic mobility, undergraduate Abdygali N. studied at the Czech University of Life Sciences, Prague, Czech Republic.

In the period from February 8 to May 8, 2017, within the framework of external academic mobility, 2 doctoral students of the department Adilbaeva Zh., Utebekova A studied at the Czech University of Life Sciences, Prague, Czech Republic.

Inbound mobility:

In the second semester of 2016-2017, within the framework of academic mobility, two 2nd year students from the Nizhny Novgorod Agricultural Academy studied at the department Kuznetsova D. and Ichetovkina A. (Nizhny Novgorod, Russian Federation).

Scientific - research, economic contract projects for the department in the context the context of accredited EPs of the cluster:

Influence of forest protection belts on crop yields, (Germany, Kazakhstan, Kyrgyzstan, Uzbekistan). Performed by Kentbaev E.Zh., 623 250 tenge. Agreement dated 15.04.2017.

Renewable resources without competition to food production, (Germany, Kazakhstan, Kyrgyzstan, Uzbekistan). Performed by Kentbayeva B.A., 670,000 tenge. Contract dated May 21, 2017.

Services on the legal framework for landscaping large cities of Kazakhstan, performed by Abaeva K.T., 653,000 tenge. (09/15/2016).

Introduction to the production of innovative technologies for the cultivation of potatoes, performer Abaeva K.T., 100,000 tenge. (03/07/2017).

Cultivation of sugar beets on the sown area in the Zhambyl region of the Chui district, performer Abaeva K.T., 555,000 tenge. (03/07/2017).

Implementation of innovative technologies for the cultivation of grain and leguminous crops into production, performer Abaeva K.T., 120,000 tenge. (03/07/2017).

Creation of a plantation from a highly productive woody introduced plant of paulownia for landscaping and improving degraded soils in the Zhambyl region. Head Abayeva K.T., 1.1 million tenge.

Cultivation of zhuzgun seedlings Aktyubinsk institution for the protection of forests and wildlife. Ruk. Kozhabekova A.Zh., 500 thousand tenge

The use of mycorrhizal macromycetes of the main forest-forming trees of Central and North-Eastern Kazakhstan and their artificial mycorrhizal of forest-forming tree species, performer Borisova Yu.S., 66 240 tenge. (03/01/2019).

Initiative topics for the department in the context of accredited EPs of the cluster:

«Forestry and ecological assessment of the state of oak plantations in the West Kazakhstan region», leader Kentbaev E.Zh. State registration number 0117RK I0339;

«Breeding and genetic bases of plantation cultivation of oil-bearing tree species in the south-east of Kazakhstan», head Kentbaev E.Zh. State registration number 0115RK00141;

«Assessment of the ecological and biological sustainability of woody plants in the technogenic conditions of Kazakhstan (on the example of Almaty)», leader Kentbayeva B.A. State registration number 0115RK00142;

«Forestry aspects of plantation cultivation of wild rose in the mountains of the south-east of Kazakhstan», head Kentbaev E.Zh. State registration number 0117RKI0256;

«Assessment of the sanitary condition and ways to increase the sustainability of forests in the south-east of Kazakhstan», leader Kentbaeva B.A. State registration number 0117RKI0255;

«Obtaining new highly productive and stable poplar hybrids for creating industrial plantations in the semi-desert conditions of Kazakhstan», head Shabalina M.V. State registration number 0114RK00648;

«Study of methods of economic assessment of natural reforestation», head Abaeva K.T. State registration number 0116RK00103;

«Bringing out new fast-growing poplar hybrids for industrial breeding in the south-east of Kazakhstan», leader Shabalina M.V. State registration number - 0117RKI0425.

«Forestry and ecological state of the Yarmolenko birch (*Betula Jarmolenkoana* Golosk) and ways of its conservation in the foothills of the Kazakhstani Tersk Alatau», head Bayzakov S.B. (2019-2021)..

Implementation of research projects financed from the state budget:

«To carry out a comprehensive economic assessment of forest resources and ecosystem services of forests (on the example of Akmola region)» 2015-2017, 12 million tenge (supervisor Doctor of Economics, Professor, Academician of the National Academy of Sciences of the Republic of Kazakhstan Bayzakov S.B.).

«Development of electronic maps for the placement of reclamation measures on irrigated lands» (zhetekshisi Abaeva K.T.) 2, 820 million tenge.

«Provision of services for the economic assessment of ecosystem services in the Ile-Balkhash pilot territory» (contract №2016-57 s/a) 2016-2017 13.4 million tenge (head Baizakov S.B.).

(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 at the Kazakh National Agrarian University, an external expert commission assessed the conformity of educational programs 5B080700 Forest resources and forestry, 6M080700 Forest resources and forestry, 6D080700 Forest resources and forestry, 5B080300 Management and Fur Farming, 6M080300 Management and Fur Farming according to the standards of specialized accreditation of the IAAR (dated April 26, 2012 № 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.

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 Yakhyaevna, 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** - Nurgaliyev Akylbek Muratovich, Candidate of Agricultural Sciences, Associate Professor, West Kazakhstan Agrarian and Technical University named after Zhangir Khan, Department of Ecology and Nature Management (Uralsk);

8. **Expert** - Asangaliyev Elibek Atrauovich, Academician of MAIL, Associate Professor, Candidate of Agricultural Sciences, East Kazakhstan State Technical University named after D. Serikbaeva (Ust-Kamenogorsk);

9. **Expert** - Tugambayeva Salima Manatovna, Ph.D., Associate Professor State University named after 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 given for EP 5B080700 Forest resources and forestry, 6M080700 Forest resources and forestry, 6D080700 Forest resources and forestry, 5B080300 Management and Fur Farming, 6M080300 Management and Fur Farming:

According to the Standard «Management of the educational program»

- develop cooperation with foreign universities implementing similar educational programs;

- publication of educational and methodical materials by the staff of the department in the state language;

- improve the system for analyzing the implementation of the developed plans and assessing the effectiveness and efficiency of the activities of the parties involved in the design and implementation of the EP, taking into account the identification of external and internal risks.

- to improve work on attracting students, faculty and employers to the development of new trajectories of the educational program.

According to the Standard «Specificity of the educational program»

- compare the content of education with foreign universities, develop cooperation with leading universities of the Republic of Kazakhstan and foreign universities to develop joint educational programs, conduct joint research, organize academic mobility of students and staff of the department, further improve the system of competencies (learning outcomes) of educational programs based on monitoring the needs of the region in the competencies of graduates.

According to the Standard «Teaching staff and teaching effectiveness»

- to develop and implement a long-term plan for the development of academic mobility of university teaching staff, to consider the possibility of conducting joint research with leading specialists of foreign universities in the areas of cluster research, to increase the number of publications in highly rated journals.

According to the Standard « Students»

- to strengthen the work on the implementation of internal and external academic mobility of students; to consider the possibility of professional certification of students in the field of specialization in the learning process.

According to the Standard «Resources available for educational programs»

- further improvement of the material and technical base of the university, provision of educational and scientific laboratories; to increase the methodological support of educational programs with educational and methodological literature in the state and English languages; to expand the placement on the portal (website) of the RSE on REM «Kazakh National Agrarian University» of external publications (citations, links) on the implementation of the EP, to intensify work to improve laboratory development programs.

According to the Standard «Standards in the context of individual specialties»

- improve work on risk assessment and identify ways to reduce them, regularly monitor the effectiveness of ongoing changes.

- more widely involve students, faculty and employers in the development of new trajectories of educational programs.

- improve work on the development of joint educational programs with foreign partner universities.

- to activate the academic mobility of students of the EP cluster and academic exchanges of the teaching staff with domestic and foreign universities.

- to increase the release of educational and methodological materials on EP in the state language.

To implement the recommendations at the university, an action plan was developed, approved on February 22, 2016. The results 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 EP 5B080700 Forest resources and forestry, 6M080700 Forest resources and forestry, 6D080700 Forest resources and forestry, 5B080300 Management and Fur Farming, 6M080300 Management and Fur Farming of the Kazakh National Agrarian University (1 stage (December 4-5, 2017), stage 2 (January 2020), in the Report on the implementation of the recommendations of the EEC NAAR 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 post-accreditation monitoring of 12/26/11.

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

Conclusions:

- According to EP 5B080700 Forest resources and forestry, 6M080700 Forest resources and forestry, 6D080700 Forest resources and forestry, 5B080300 Management and Fur Farming, 6M080300 Management and Fur Farming agreements were concluded with the University of St. Stephen (Hungary).

As part of international cooperation, the university annually holds winter and summer schools, and invites leading experts to give lectures (South Korea, Tajikistan, Russia).

During the reporting period, a textbook with the stamp of the Ministry of Education and Science of the Republic of Kazakhstan «Trees and shrubs of Kazakhstan for forest cultivation» was published under the EP «Forest resources and forestry» (authors Kentbaev E.Zh., Kentbaeva B.A., Almaty, Nur-Print, 2015), 4 textbooks and a textbook recommended by EMA RUMS at KazNAU, electronic textbooks, as well as EMCD and guidelines registered by EMA KazNAU;

According to the EP "Hunting and fur farming" - 4 teaching aids (textbooks, EMCD).

The main risk for accredited educational programs by the management of the educational program is a decrease in the contingent. As part of measures to increase the enrollment in educational programs, large-scale career guidance was carried out among graduates of schools and colleges during the reporting period. A plan for the career guidance work of the department was developed and approved. The university conducts social surveys and questionnaires of various directions, including, h. among students and employers to collect proposals for new EP trajectories;

Agreements have been signed with universities in Hungary, Poland, the Russian Federation (Western Hungarian University, University of Eastern Finland, Warsaw University of Natural Sciences, All-Russian Research Institute of Genetics and Breeding of Farm Animals, etc.), as well as with universities of the Republic of Kazakhstan (State University named after Shakarima, East Kazakhstan State Technical University named after Serikbaev, Kazakh Agrotechnical University named after S. Seifullin). As part of external academic mobility, 3 students traveled to the Czech Republic and Lithuania; 7 doctoral students (PRC, Czech Republic, Italy, RF, South Korea) underwent an internship, according to the subject of doctoral dissertations. Positive statistics on the development of academic mobility of teaching staff are given. During the reporting period, as part of academic mobility, 7 teachers traveled to the Czech Republic, Uzbekistan. At the same time, there is no information on a long-term plan for the development of academic mobility of teaching staff, which somewhat complicates the assessment of the implementation of the recommendation.

According to the university, during the reporting period, 34 articles were published in journals included in TomsonReuters and Scopus. In general, there is a positive trend in the publication of articles in journals with an impact factor.

Analysis of material and technical supply is carried out quarterly and at the end of the year, by comparing the actual data with the public procurement plan. Acquired during the reporting period:

- at the Department of Forest Resources and Game Science - an exhaust cabinet, a dry-air thermostat TS 1/20, screw stools for retrofitting the forest seed laboratory; the university has a website <http://www.kaznau.kz/> and there are web pages of the departments «Forest resources and game management» in three languages, but when studying these pages, the number of external publications on the implementation of the EP is insignificant.

The recommendations of the previous EEC (2015) have not been implemented:

- to improve the work on the development of joint educational programs with foreign partner universities;
- information on internal mobility of students is not provided;
- consider the possibility of professional certification of students in the field of specialization in the learning process.

(V) DESCRIPTION OF THE EXTERNAL EXPERT COMMISSION VIZIT

The work of the EEC was carried out on the basis of the approved Program of the visit of the expert commission for specialized accreditation of educational programs at the Kazakh National Agrarian Research University in the period from 02 to 04 December 2020.

In order to coordinate the work of the EEC, on December 1, 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 98 representatives took part in the meetings (Table 1).

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

Category of participants	Number
Acting Chairman of the Board - Rector	1
Vice-rectors	5
Heads of structural divisions	28
Heads of departments, heads of educational programs	6
Teachers*	13
Students*	18
Graduates*	18
Employers*	9
Total	98

During the online tour, members of the EEC got acquainted with the state of the material and technical base, visited the Faculty of Water, Land and Forest Resources, the museum-exhibition, the scientific and educational laboratory of forest cultures, the dendro garden, the greenhouse complex, the laboratory of forest inventory and forest management, the practice base of the Kazakh Department Forest Inventory Enterprise «Kazlesproekt», «Republican Forest Selection and Seed Center», KSE «Almaty Zoo», State Enterprise "PO Okhotzooptom».

At the online meeting of the EEC IAAR with the target groups of KazNAIU, the mechanisms for implementing the policy of the university were clarified and certain data presented in the self-assessment report of the university were specified. For the period of accreditation, remote classes were attended:

- discipline - Dendrology, group LR-204R, the topic of the lesson is «Classification of ornamental tree species in relation to moisture, soil and gases», teacher - Borisova Yu.S., PhD doctor, associate professor;
- discipline - Creation of protective forest plantations, group - MAG-101, topic of the lesson - Fixing moving sands with shrubs. Fixation of sands with grasses, teacher - Kozhabekova A.Zh., candidate of agricultural sciences, associate professor;
- discipline - Monitoring of forest ecosystems, group - DLR-1, topic of the lesson - Soils and their rational use. Socio-ecological problems of our time. Sustainable Development of Ecosystems and Society, Lecturer - Borisova Yu.S., PhD Doctor, Associate Professor;
- discipline - Zoogeography, group - OZ-305, topic of the lesson - Undi Malaylyk oblys. Polynesialyk oblys, teacher - Kydyrov T.N., master, senior teacher.

During the work, members of the EEC conducted online visits to the following practice bases: Kazakh forest management enterprise «Kazlesproekt», «Republican forest selection and seed center», «Ile-Alatau State National Natural Park», KSE "Almaty Zoo», State Enterprise «PO Okhotzooptom».

In accordance with the accreditation procedure, an online survey of 39 teachers, 83 students, including junior and senior students, was conducted.

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 KazNAIU, developed by the EEC based on the results of the examination, were presented at an online meeting with the university management on 04.12.2020.



(VI) COMPLIANCE WITH THE STANDARDS OF SPECIALIZED ACCREDITATION

6.1. Standard "Management of Educational Program"

The evidentiary part

The management of educational programs is carried out within the framework of the quality assurance subsystem, which includes a policy in the field of quality assurance and a description of the processes in a series of internal university documents developed as part of a certified quality management system.

NJSC «Kazakh National Agrarian University» (hereinafter KazNAU) in accordance with the State license series No. KZ42LAA00006720 dated March 25, 2016, issued by the Ministry of Education and Science of the Republic of Kazakhstan (hereinafter MES RK) conducts educational activities for the training of higher and postgraduate education. KazNAU in 2019 successfully passed institutional accreditation, certificate No. 1920 KE 0025 dated 06/12/2019.

Training of specialists in educational programs 6B08301 - Management and Fur Farming 6B08302 - Forest resources and forestry is carried out in accordance with Appendix No. 009 of 03/27/2019. According to educational programs 7M08301 Management and Fur Farming and 7M08302 - Forest resources and forestry is carried out in accordance with Appendix No. 010 of 05.07. 2019 According to the educational program 8D08302 - Forest resources and forestry is carried out in accordance with Appendix No. 011 of 07/05/2019 https://www.kaznau.kz/page/university/?link=liteenziiasy_878&lang=ru

The University, as one of the leading agricultural universities in Kazakhstan, strives in its activities to improve the quality of educational services and research potential. The activities of the University are carried out on the basis of the Development Strategy of the Kazakh National Agrarian University until 2023 in accordance with the stated mission, vision and strategic directions (https://www.kaznau.kz/file_archive).

The mission, vision and strategy of the university are aimed at meeting the needs of the state, society, science and economy, potential employers and students. When developing the mission, strategic goals and objectives, real material and financial opportunities, the human resources potential of the university were taken into account.

The basis for the development and adoption of the University Development Strategy until 2023 were: the Program for the Development of the Agro-Industrial Complex for 2017-2021, the State Program for the Development of Education of the Republic of Kazakhstan for 2016-2019.

This concept document defines the achievement of key indicators of eight tasks for each of the three goals of the University Development Strategy for a five-year period.

The plans for the development of structural units and faculties are synchronized with the target indicators and indicators of the University Strategy. At the same time, quantitative and qualitative data on development indicators are updated annually, taking into account the results achieved.

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 (<https://www.kaznau.kz>).

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.

The Charter of NJSC KazNAU states that «The purpose of KazNAU is to create the necessary conditions for obtaining quality education aimed at the formation, development and professional development of a person based on national and universal values, achievements of science and practice» (<https://www.kaznau.kz>).

The objectives of the university in the Development Program of KazNAU for 2018-2022 are:

- carrying out research and development work corresponding to the world level;
- expansion of the package of educational programs accredited by national and international accreditation agencies;
- improvement of educational activities of the university;
- ensuring the implementation of the principles of the Bologna process;
- creation and development of innovation infrastructure;
- development of the employment program;
- development of information and communication infrastructure;
- improvement of the system and efficiency of educational work, development of student self-government;
- increase of civil activity and legal culture of youth;
- formation of a comprehensively developed personality and a healthy lifestyle.

The university development program, vision, mission, strategy are published, available and posted on the university website https://www.kaznau.kz/file_archive/2299975369var_453.pdf

The internal documents of the University are drawn up within the framework of the quality management system developed on the basis of the requirements of the ISO9001:2015 standard in relation to activities in the field of education. The effectiveness of the QMS is confirmed by the auditing company Russian Register, the effectiveness of the QMS is annually confirmed by experts

In 2018, the university joined the international organization Life Science. In the national ranking, the university is in the top 10 best universities. Every seventh teacher is the owner of the grant of the Ministry of Education and Science of the Republic of Kazakhstan "The best teacher of the university." The TOP-50 best scientists of Kazakhstan with a high Hirsch index included 7 scientists.

The university has 6 dissertation councils for 16 EPs. In the 2018-2019 academic year, of the number of doctoral students who completed their studies, 62% have already defended themselves.

In recent years, interest in the university has also grown from foreign partners. In the 2018-2019 academic year alone, 200 representatives from 40 countries of the world visited the university on a working visit. The university closely cooperates with the Asian, World Development Banks, FAO, UNESCO, NASA, etc.

The established Situation Center plays a significant role in organizing career guidance work, where an electronic database has been created for 2,800 schools and 50,000 farms.

In April 2019, international conferences of young scientists were held with the participation of 580 delegates from 12 countries, competitions for start-up projects were held, the winners of which were awarded in the amount of about 5 million tenge. The active work of the Council of Young Scientists of the University was noted by the Ministry of Agriculture and the Ministry of Education and Science of the Republic of Kazakhstan.

For five years, the university has been operating a rating system for assessing the activity of teaching staff, departments, faculties (<http://reiting.kaznau.kz/user/login?ReturnUrl=%2f:%3E&lang=ru>). At the end of the academic year, 50 teachers who have scored the highest KPI receive monthly financial incentives in the amount of 5 to 15 MCI. Also, the heads of departments who took the first three places and one dean of the faculty receive incentives.

Since 2019, one-time incentives have been provided and introduced for teachers who have published a scientific article in high-ranking journals from 50 to 200 MCI and have TOEFL and IELTS certificates.

The university pays attention to the professional growth of teaching staff. From 2019 to 2020, 93 teaching staff of the university took various advanced training courses, of which: 6 teachers received international certificates, 58 - certificates of republican significance.

In order to improve the coordination of research activities, a Scientific and Methodological Council (SMC) was created to consider issues of scientific and (or) scientific, technical, innovative activities of the university, develop proposals for its improvement and make recommendations. The rating of the magazine «Izdenister, natizheler» is rising. There is a dynamic increase in the number of articles both from third-party organizations and foreign research institutes and universities. In 2018, 200 articles were published, of which 28% were in English. During the year, 36 patent applications were filed, of which 27 patents were received. The university annually spends more than 3 million tenge to maintain patents.

The level of ongoing scientific projects is evidenced by the increased number of publications, which reached 600, of which 52 are in foreign scientific journals included in the database of Thomson Reuters and Scopus (Elsevier).

The research activity of the department is carried out in 2 research institutes, 1 scientific center and 1 scientific laboratory, according to the results of the research, copyright certificates and patents have been obtained.

Of the grant studies, the most important and productive are the following topics:

1. «To carry out a comprehensive economic assessment of forest resources and ecosystem services of forests (on the example of the Akmola region)» 2015-2017, 12 million tenge (zhetekshi Doctor of Economics, Professor, Academician of the National Academy of Sciences of the Republic of Kazakhstan Bayzakov S.B.).

2. «Provision of services for the economic assessment of ecosystem services in the Ile-Balkhash pilot territory» (contract No. 2016-57 s / a) 2016-2017 13.4 million tenge (zhetekshisi Bayzakov S.B.).

3. «Development of electronic maps for the placement of reclamation measures on irrigated lands» (zhetekshisi Abaeva K.T.) 2, 820 million tenge.

The department also carried out contractual work:

1. Services on the regulatory framework for landscaping large cities of Kazakhstan, performed by Abaeva K.T., 653,000 tenge. (15.09.2016)

2. Introduction into production of innovative technologies for the cultivation of potatoes. oryndaushyAbaeva K.T., 100,000 tenge (07.03.2017)

3. Cultivation of sugar beets on the sown area in the Zhambyl region of the Chui district, performer Abaeva K.T., 555,000 tenge. (07.03.2017)

4. Introduction into production of innovative technologies for the cultivation of grain and leguminous crops, performer Abaeva K.T., 120,000 tenge. (07.03.2017)

5. Creation of a plantation from a highly productive woody introduced plant of paulownia for landscaping and improving degraded soils in the Zhambyl region. Ruk. Abaeva K.T., 1.1 million tenge, 2019-2020

6. Cultivation of zhuzgun seedlings Akyrtyubinsk institution for the protection of forests and wildlife. Ruk. Kozhabekova A.Zh., 500 thousand tenge, 2019-2020

7. The use of mycorrhizal macromycetes of the main forest-forming trees of Central and North-Eastern Kazakhstan and their artificial mycorrhization of forest-forming tree species, performer Borisova Yu.S., 66 240 tenge. (03/01/2019).

Within the framework of international cooperation, the staff of the department participate in two international scientific projects:

1. Influence of forest protection belts on crop yields, (Germany, Kazakhstan, Kyrgyzstan, Uzbekistan). Performed by Kentbaev E.Zh., 623 250 tenge. Contract dated April 15, 2017

2. Renewable resources without competition to food production, (Germany, Kazakhstan, Kyrgyzstan, Uzbekistan). Performed by Kentbayeva B.A., 670,000 tenge. Contract dated May 21, 2017

The department carries out 9 initiative topics registered in the National Center for Scientific and Technical Information:

1. «Forestry and ecological assessment of the state of oak plantations in the West Kazakhstan region», leader Kentbaev E.Zh. State registration number 0117RK I0339;
2. «Breeding and genetic bases of plantation cultivation of oil-bearing tree species in the south-east of Kazakhstan», head Kentbaev E.Zh. State registration number 0115RK00141;
3. «Assessment of the ecological and biological sustainability of woody plants in the technogenic conditions of Kazakhstan (for example, Almaty)», leader Kentbayeva B.A. State registration number 0115RK00142;
4. «Forestry aspects of plantation cultivation of wild rose in the mountains of the south-east of Kazakhstan», head Kentbaev E.Zh. State registration number 0117RKI0256;
5. «Assessment of the sanitary condition and ways to improve the sustainability of forests in the southeast of Kazakhstan», leader Kentbaeva B.A. State registration number 0117RK00255;
6. «Obtaining new highly productive and stable poplar hybrids for the creation of industrial plantations in the semi-desert conditions of Kazakhstan», leader Shabalina M.V. State registration number 0114RK00648;
7. «Study of methods of economic assessment of natural reforestation», leader Abaeva K.T. State registration number 0116RK00103;
8. «Bringing out new fast-growing poplar hybrids for industrial breeding in the south-east of Kazakhstan», leader Shabalina M.V. State registration number - 0117RKI0425.
9. «Forestry-ecological state of the Yarmolenko birch (*Betula Jarmolenkoana Golosk*) and ways of its conservation in the foothills of the Kazakhstani Tersk Alatau», leader Bayzakov S.B. (2019-2021).

Classes in English are taught by 140 teachers who have IELTS and TOEFL certificates. To increase the number of students in English, the university practices free courses for students of 2-4 courses. To do this, the university has a linguistic educational center "PrimeStudy". Students receive certificates upon completion of the course.

Academic mobility of university students is implemented through programs funded by the Ministry of Education and Science of the Republic of Kazakhstan, the international scholarship program of the President of the Republic of Kazakhstan "Bolashak", international educational programs: Erasmus +, Mevlana, GIZ, etc. Academic mobility is carried out with 137 universities and international educational organizations, as well as scientific institutes and centers.

96 students (Poland, Spain, Hungary, Serbia, Bulgaria, Slovakia, Lithuania, Estonia, Russia, Kyrgyzstan, Tajikistan) were trained on external academic mobility. This academic year, 31 foreign scientists were invited to give lectures, including at international summer and winter schools.

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). The quality assurance policy is presented on the official website of the university.

The University has successfully reissued licenses for areas of activity and is developing EPs for the new academic year in accordance with the new requirements. At present, a list of educational programs has been determined, work on their inclusion in the national register through the ESUHE system has almost been completed.

All priority areas of the Development Program and development plans of the EP through key performance indicators and individual plans of the teaching staff are reflected at all levels of management of the EP. Thus, the contribution of each to the implementation of the EP is determined through personal indicators, which are approved at the meetings of the departments.

Paper and electronic versions of program, planning and internal regulatory documents are available at the departments, available to teaching staff, employees and students, as well as employers and other interested parties. Copies of documents are recorded in the register.

Issues of strategic planning, medium-term and short-term goals and objectives of the university and structural units are reflected in the annual and monthly work plans of the university and structural units. The indicators and achievements of current activities are analyzed at meetings of the department, the Faculty Council, the Educational and Methodological Council of the university, the administration, the Academic Council at least once a month. Students are active participants in the educational process, student self-government functions at the university, and according to the results of sociological surveys of students, corrective actions are taken to improve the quality of the EP.

The current quality assurance system at the university regulates the way of developing and implementing the EP, according to which the EP is developed annually for each set of students by academic committees for the development of the EP with the participation of teachers, employers and students. The analysis of the study program is carried out by the study committee, which includes the vice-rector for academic affairs, the chairman of the educational and methodological council of the university, employers and students. Employers are included in the management of the EP through participation in the activities of the Academic Committees - a collegial body that determines the development of the EP.

The structure of the EP development plan contains: analysis of the current state (information about the contingent of students by levels of study, analysis of human resources, material and technical base, the state of research work); the main goals, objectives of the development of the EP, measures to reduce the impact of risks for the EP, planned indicators, the mechanism for implementing the EP development plan, the graduate model by levels of study.

The uniqueness and individuality of the accredited 6B08301 - Management and Fur Farming in their orientation to the labor market of the region, the presence of elective courses that complement the basic disciplines, introduced by order of employers.

The uniqueness of educational programs 6B08302, 7M08302, 8D08302 - Forest resources and forestry is the participation of employers in the implementation of these programs. On the basis of the branches of the university, at enterprises and in laboratories, there is the possibility of conducting field laboratory and practical classes according to these educational programs and performing research work with students. As well as their orientation to the labor market of the region, the availability of elective courses that complement the basic disciplines introduced by order of employers.

The necessary information, personnel, financial and material and technical resources, as well as regulatory and legal documentation that ensure the implementation of educational programs, are available to manage the EP.

Analytical part

An analysis of the fundamental documents showed that the University demonstrates the management of educational programs, in accordance with the current legislation of the Republic of Kazakhstan in the field of education and science, the focus of the mission, strategy and vision on meeting the needs of the state, society, sectors of the real economy, potential stakeholders.

The EEC notes that stakeholders (students, teachers and employers) are aware of the availability of the University Development Program, the Policy and goals in the field of quality, internal regulations. The management of the EP demonstrated the operability of the internal quality management system. The transparency of the processes of formation of the EP development plan is confirmed by the participation of interested parties in it. This is evidenced by the activities of the Academic Council, the administration, the educational and methodological council, academic committees that ensure the management of the main EPs. Development plans of accredited EPs are coordinated with the Strategy and Development Program of the University.

The EEC confirms that the university has a published quality assurance policy that reflects the relationship between research, teaching and learning.

During the visual inspection and analysis of documents, the EEC made sure that those responsible for business processes were appointed within which the implementation of the EP is regulated, the duties of the staff were distributed, and the functions of collegial bodies were delineated. The university demonstrates the development of a culture of quality assurance in the context of EP. The quality of the educational process includes not only the quality of curricula and technologies, the quality of the personnel potential involved in the educational process, the quality of the material and technical base, etc., but also the quality of the scientific potential of the university, the quality of new knowledge transmitted by teachers.

At meetings with students, teaching staff, employers, EEC members were convinced of the openness and accessibility of the EP leadership in solving various issues related to the development and implementation of the EP.

Reports on the implementation of EP development plans are included in the annual reports of departments, are considered at meetings of the department, as well as at meetings of the Academic Council of the University. The results of evaluating the effectiveness of the implementation of the EP development stages are used to correct and further develop the EP data based on internal documents. The university has an approved procedure for managing the EP development plan. Regulations on the procedure for developing a plan for the development of an educational program and monitoring its implementation. The head of the department with the involvement of the teaching staff is responsible for monitoring the development plan of the EP in order to ensure continuous and continuous improvement.

The management of the EP ensures the participation of representatives of employers in the management of the educational program and its development, which was revealed as a result of interviews with teachers and employers. The presence of student self-government implies an increase in the activity of students as part of their participation in the collegiate management bodies of the EP.

To ensure the effectiveness of the program, an individual educational trajectory of the student's learning is built, the departments develop modular educational programs (MEP) for the entire period of study and are approved by the rector based on the decision of the Academic Council. In MEP, all modules are built on the principle of content unity, include consistently studied disciplines and are aimed at achieving a certain educational result from fundamental and general professional to professional-identifying. The integration of disciplines into MEP forms a holistic perception, predetermines the possibilities for the formation of creative skills and creative thinking, ensures the consistency and interconnectedness of goals, the learning process and the final results obtained, expressed in the standard-required quality of trained specialists.

The university, in general, provides students with the opportunity to participate in the formation of their training program, however, the implementation of this process is at a low level. The management of the EP and teachers do not fully take into account the individual characteristics and educational needs of students focused on national projects. The alignment and implementation of an individual educational trajectory allows the student to develop the level of knowledge and personal qualities demanded by modern society.

The EEC notes the need to analyze the functions of the University employees involved in the management of educational programs in order to clarify their responsibilities in connection with changes made to the regulatory legal acts in the field of education and new approaches to determining the qualification characteristics of teaching staff positions.

In order to improve and effectively implement the EP, a plan for the development of the EP for 2020-2024 has been developed.

The EP development plan is reviewed annually at a meeting of the department in the presence of employers, student activists and other interested parties. The developers of the development plan are the head, teachers of the department and potential employers of the State Enterprise «Okhotzoooprom» Kasymov E., and the State Enterprise «Almaty Zoological Park»

Akilbekov S., the State Enterprise «Kazakh Forest Inventory Enterprise» Dzhakashev A., LLP «Kazakh Research Institute of Forestry and Agromelioration» Akhmetov R. The main goal of the development plan of the educational program is to improve the content of the educational program with the formation of professional competencies, taking into account the proposals of employers and the demand of the labor market. To implement the development plan, the following activities are being carried out: updating and improving the content of the EP, creating modern educational and research laboratories to form students' skills in conducting scientific research, introducing innovative learning technologies into the educational process, publishing educational and methodological literature in English and Kazakh languages, invitation of foreign scientists in the field of forestry, hunting and fur farming, organization of internships and practices in leading universities and research institutes of near and far abroad.

The participation of faculty and students in the development of tactical and strategic plans is reflected in the following aspects:

- discussion of strategic plans and development programs at meetings of departments, structural divisions;
- discussion of strategic plans and development programs at curatorial hours of academic groups;
- questioning of students in order to identify the degree of their satisfaction in the main areas of activity of the department.

At the same time, the EEC notes that the structure of EP development plans needs to be improved in terms of introducing measurable indicators of achieving the EP development goals into the plans, concretizing the dynamics of EP development by levels of education and identifying responsible persons. The indicators contained in the current EP development plans do not reflect a quantitative assessment, there is no clear distribution of powers in the development of EP plans between responsible persons.

The Department systematically collects, accumulates and analyzes information on the implementation of the EP and conducts self-assessment in all areas based on the development and implementation of measurement processes. The available resources are reviewed annually. Based on the results of the analysis, a plan is drawn up for the procurement of the necessary resources for the new calendar year. According to the analyzes carried out, the readiness and sufficiency of classrooms and laboratories is assessed. The material and technical, library and information resources used to organize the learning process are sufficient and meet the requirements of each implemented educational program. If necessary, corrective actions are developed to eliminate shortcomings and omissions in the work.

The management of the EP, when forming the development plan for the EP, systematically identifies those with risks. The risk identification process includes identifying the causes and source of the risk. Risk assessment is a structural process that determines the impact of goals and analyzes risk through sequences and their probabilities before determining future considerations. The core principles of risk management provide policies, procedures and organizational arrangements that will be implemented in the risk management system throughout the organization and at all levels. The assessment of the degree of risks for the educational program is carried out at least once per academic year.

The Development Plans of the accredited EPs contain an action plan to reduce the impact of risks for the EP, but do not include a section with the assessment and management of possible risks in the implementation of accredited EPs, indicating the possible consequences in case of failure to take and timely response measures, as well as a description of the mechanisms and management measures risks.

Based on the results of analyzes and reports, the management of the EP identified risks to reduce the number of students in undergraduate and graduate programs. The reason for this risk is the allocation of an insufficient number of orders for the training of specialists in this field of masters. To eliminate this risk, the staff of the department conducts career guidance work to

attract applicants for master's and doctoral studies in accordance with the requirements of the MES RK.

In order to fulfill one of the directions of the development of the university in the long term is the development of multilingualism in the implementation of the EP. In this regard, one of the funding items is the training and internship of the teaching staff for the study of English.

According to the results of the survey, the level of accessibility and responsiveness of the university management was «fully satisfied» - 81.9%, «partially satisfied» -14.5%, «dissatisfied» -1.2%; «difficult to answer» -2.4% of students.

Teachers highly appreciate their participation in the processes of making managerial and strategic decisions. According to the results of the survey, 51.3% of the teaching staff rated «very good», «good» - 43.6%, «relatively bad» - 2.6%, «very bad» - 2.6%.

Strengths/best practice:

- strengths are not identified by the members of the EEC.

EEC recommendations for EP:

- the management of the EP to review and approve the structure of the EP development plans with the inclusion in the plans of measurable target indicators of strategic planning in the context of training levels and time intervals for implementation, indicating responsible persons;
- in accordance with the University Development Program for 2020-2024. include a section in the Development Plans of accredited EPs with the assessment and management of possible risks in the implementation of accredited EPs, indicating the possible consequences in case of failure to take and (or) timely response measures, as well as a description of risk management mechanisms and measures;
- in the EP in the 2021-22 academic year, it is necessary to provide for individual student learning trajectories focused on national priority projects and programs;
- the management of the EP in the self-assessment documents should reflect the description of the progress achieved in the implementation of the recommendations received as a result of the previous accreditation procedure, taking into account the results of the interim post-monitoring reports.

EEC conclusions by criteria:

According to the standard «Management of Educational Program» educational programs have 14 satisfactory and 3 positions suggesting improvement.

6.2. Standard " Information Management and Reporting "

The evidentiary part

The system of collection, analysis and management of information in the university is used to ensure the quality of the implementation of the EP and is confirmed in internal regulations. This system includes information flows using modern computer technologies and software.

The maintenance of the mission, goals, objectives and evaluation of their effectiveness is carried out in accordance with internal regulatory documents, according to these procedures, the University collects and analyzes data to evaluate performance, determine the degree of implementation of the mission, goals and objectives and opportunities for continuous improvement of the service provided - the implementation of EP 6B08302,7M08302, 8D08302 -Forest Resources and Forestry , 6B08301,7M08301-Game Management and Fur Farming.

In the management of the main processes (educational, methodological, scientific, educational) for the implementation of the goals of EP 6B08302,7M08302, 8D08302 -Forest Resources and Forestry , 6B08301,7M08301-Game Management and Fur Farming, the following

documents are applied: Council, Rectorate), orders of the rector and orders of vice-rectors in areas of activity, documents on students (orders on staffing, students, undergraduates, doctoral students), planning, analytical, reporting, financial and accounting documents.

To conduct a conformity analysis, the quality system uses information based on the results of the audit. Collection, analysis, use of information for managing EP 6B08302,7M08302, 8D08302 -Forest Resources and Forestry , 6B08301,7M08301-Game Management and Fur Farming, in terms of basic processes, audit results are automated. Databases EP 6B08302,7M08302, 8D08302 -Forest Resources and Forestry , 6B08301,7M08301-Game Management and Fur Farming.

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.

To fulfill its public mission, the University publicly, on the website, provides and regularly publishes impartial and objective information (quantitative and qualitative) on the educational programs implemented at the University, including those on EP 6B08302,7M08302, 8D08302 - Forest Resources and Forestry , 6B08301,7M08301-Game Management and Fur Farming, as well as the results of the activities of the University.

Maintenance of the EP with information technologies (including the functioning of the system for collecting, analyzing and managing information based on the use of modern information and communication technologies and software) is carried out by the Informatization Council. The Informatization Council of KazNARU is a permanent coordinating and advisory and scientific advisory body of the Academic Council of the university in the field of solving problems in the use and development of information technologies.

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.

The information resource is the PLATONUS system, 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. Through the educational portal, access to the personal accounts of students, teachers, automated workstations of specialists from various departments that manage and support educational processes is organized. All teachers and students registered in the system have access to their personal account. «PLATONUS» supports three languages - Kazakh, English, Russian, allowing you to work in your personal account in any of the three languages. The system contains detailed information about students' achievements, transcript, GPA level. Teachers place EMCD on educational content in their personal account, providing access to electronic materials for students, including those studying remotely. During the academic period, teachers post current grades in an electronic journal from their personal account.

Evaluation of the effectiveness and efficiency of the implementation of educational programs occurs due to feedback provided by employers, petitions, expanding the base of practice, etc., which constitute an automated database of reviews, petitions, expert opinions on accredited EPs on the implementation of the practical component. An indicator of the successful implementation of the EP is the successful completion of various types of practice, the percentage of employment.

According to the work plan of the department «Forest resources and game management» during the academic year, teachers attend each other's classes in order to exchange experiences. The work of the department «Forest resources and game management» is reflected in the annual reports. The collection and analysis of information about the activities of the teaching staff are used to satisfy students with the implementation of the EP, as well as in the work of the internal quality assurance system.

Taking into account the technical capabilities of the PLATONUS system, at the end of each examination session, the Office of the Registrar submits a report that reflects the results of academic achievements and professional practices of students, and the necessary actions are taken based on the results of the assessment. The system automatically calculates GPA based on student performance.

The dean's office of the faculty, the head of the department, student support services work in the system with the following reports: a file of students and teachers; a report on the student population by levels of study, EP, courses, forms of study, language departments, 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; student GPA reports.

In accordance with the mission of the University, the method of online survey through the official website of the University <https://www.kaznau.kz/page/studentter/?lang=ru> was determined as a method of collecting information. The results of the analysis are aimed at improving the key performance indicators of the EP.

The Department of Academic Affairs is a key link in the collection and processing of information about the course of the educational process. For the current and intermediate control of students' knowledge, a computer testing system is used, which allows for a simultaneous independent valid procedure for monitoring students' knowledge, and is necessary to increase the level of academic performance, student satisfaction, and the implementation of the EP.

The received data on internal and external information go through the stage of analytical processing. Analytical calculations are used when summing up the results and results of the effectiveness of accredited EPs. The use of internal and external information allows you to quickly respond to changes and deviations in the implementation of accredited EPs.

Management of information on the employment of graduates at the university is carried out by the Department of Practice and Employment. Information on the department «Forest resources and game management» is collected by a responsible person. Employment of graduates refers to information that affects the effective management of the accredited study program, as well as other areas of basic processes and procedures. According to the QMS procedure «Employment of graduates», a quantitative analysis is carried out annually, the average percentage of employed.

To improve the quality of training of students, as well as to improve and develop the EP, the satisfaction of students with the implementation of the EP is monitored.

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

The University ensures the availability of information to all interested parties.

All students, teaching staff and employees document their consent to the processing of personal data.

Final qualifying works are carried out by students independently under the guidance of a supervisor and are checked for borrowings under the Antiplagiat program of KazNAU <http://plagiat.kaznau.kz>.

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

Based on the results of the sessions, the system generates a report on the results of the examination session. Based on the report, a qualitative and quantitative analysis of the progress of students in the courses is carried out, the results of which are heard and discussed at meetings of the department, the Academic Council of the faculty, the administration and the Academic Council of the University.

The department actively reflects the processes for the implementation of accredited EPs, places information on its activities within the framework of the University's development strategy on the department's page.

Analytical part

Analyzing compliance with the requirements of the Information Management and Reporting standard for accredited EPs, the commission notes that the university has a multi-level information and reporting management system. Particular attention is paid to internal audit and systematic review of the effectiveness of decisions made and monitoring of the activities of departments and programs at meetings of the Academic Council.

The EEC notes that the internal regulatory documentation developed at the university (organizational standards, documented procedures, methodological instructions) determines the structure and volume of information collected, its reliability and timeliness, allows generating analytical reports and making decisions based on facts.

The university has developed a regulation on the official information site of KazNAU. However, the EEC notes that the university has not defined the rules for updating information on the university website. It is necessary to continue work on the presentation and collection of reporting information and its tracking in the context of educational programs.

To carry out the process of collecting and analyzing information on the development of the EP «Game management and animal breeding», «Forest resources and forestry», meetings of the department are held with the participation of teaching staff, representatives of the group of students (students of 2, 3, 4 courses and undergraduates take part), as well as employers, meetings «Round tables» at the annual fairs of graduates. The students were asked to include in the EP the issues of modern hunting management, taking into account the use of digitalization methods, the introduction of innovative technologies, to reflect the issues of acclimatization and conservation and restoration in matters of conservation of the biodiversity of the animal world of the Republic of Kazakhstan. Employers are invited to introduce the issues of modern methodology for monitoring the wildlife, the development of game breeding, as a method of preserving and restoring biodiversity. Also, employers proposed the introduction of new disciplines in the ongoing EPs in order to improve the quality of training young personnel, taking into account the regional features of landscapes «Desert forestry», «Inventory and accounting of forest plantations», «Inventory of urban plantations», «Mountain forestry», «Organization and planning of forestry production», «Decorative tree growing», «GIS in forestry».

According to the results of the survey, the usefulness of the university's website in general and the faculties in particular are «completely satisfied» - 84.3% of students, «partially satisfied» - 9.6%. The complete satisfaction of students with the level of accessibility of the dean's office is 86.7%, the accessibility and responsiveness of the university management - 81.9%, the availability of academic counseling - 77.1%, the availability of counseling on personal problems - 79.5%. «Very good» – 61.5% of the teaching staff and «good» is assessed by 33.3% of the teaching staff for the level of feedback from the management.

Strengths/best practice:

- strengths are not identified by the members of the EEC.

EEC recommendations for EP:

- None according to this standard.

EEC conclusions by criteria:

According to the standard «Information Management and Reporting» educational programs have 17 satisfactory positions.

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

The evidentiary part

The development and approval of educational programs at the university is carried out in accordance with the provisions of regulatory legal acts in the field of higher and postgraduate education, as well as documentation developed by the university to ensure the implementation of the University Development Program.

Accredited EPs are the basis of the University's mission to form a competitive specialist in demand in the agro-industrial complex and the global scientific and educational space, as well as for the development of a socially oriented, highly cultured and tolerant personality. The EP provides students with academic knowledge, key and professional competencies that affect their personal and professional development.

The EP provides students with academic knowledge, key and professional competencies that affect their personal and professional development.

Accredited EP 6B08302, 7M08302, 8D08302 -Forest Resources and Forestry , 6B08301, 7M08301-Game Management and Fur Farming include: goals - the level of qualification, the degree awarded, recognition of previous education, the professional profile of the graduate, methods and methods for implementing the educational program, criteria for evaluating results learning, key learning outcomes, main modules of the educational program.

When forming the EP, the Department of Forest Resources and Game Science 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.

EPs for higher and postgraduate education are developed in accordance with the National Qualifications Framework (NQF), professional standards, and are aligned with the European Qualifications Framework (ERQ) of the European Higher Education Area (EHEA). EPs are updated annually in content, approved by the Academic Council of KazNAU and entered into the Unified Higher Education Management System (ESUVO) Register of Educational Programs. EPs are focused on key learning outcomes and are structured according to the principle of modular learning.

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.

The goal of EP 6B08302, 7M08302, 8D08302 -Forest Resources and Forestry is to train competitive specialists in the labor market who are able to adapt to dynamically changing social and professional conditions of activity, ready to implement basic professional functions, capable of high personal and professional achievements. This goal is interconnected with the mission of the university (https://www.kaznu.kz/page/university/?link=universitetin_missiiasy_179&lang=ru).

The purpose of the educational program 6B08301-Game Management and Fur Farming is to train highly qualified hunting specialists who have knowledge of the conservation of rare species of animals, the development of hunting activities and the solution of problems of biological nature management

The purpose of the educational program 7M08301-Game Management and Fur Farming is to train specialists in the hunting industry competitive in the labor market for state, local, regional, foreign institutions, as well as to train scientific and pedagogical personnel for higher educational institutions and colleges.

EP 6B08302,7M08302, 8D08302 -Forest Resources and Forestry , 6B08301,7M08301-Game Management and Fur Farming, are developed by the Working Group for each level (bachelor's, master's, doctoral studies) in three languages (Kazakh, Russian, English). EPs are focused on key learning outcomes and are structured according to the principle of modular learning. When developing an elective component according to 6B08302,7M08302, 8D08302 - Forest Resources and Forestry , 6B08301,7M08301-Game Management and Fur Farming, the principle of academic freedom is implemented. Elective disciplines are developed by the teaching staff, taking into account the opinion of employers, the personnel potential of the EP and the educational needs of the student / undergraduate / doctoral student. Elective disciplines are discussed at the graduating department, are presented by teaching staff to students during the annual Enrollment procedure. Based on the results of this procedure, students form their individual curriculum (IEP).

Undergraduate EP contains:

theoretical training, including the study of cycles of general education, basic and major disciplines;

additional types of training (practical component) - various types of professional practices, physical culture, military training, etc.;

intermediate and final certifications.

Master's program contains:

☐ theoretical training, including the study of cycles of basic and major disciplines;

☐ research work (RW), including the implementation of a master's thesis, for scientific and pedagogical magistracy;

☐ intermediate and final attestations.

☐ Doctoral study program contains:

☐ theoretical training, including the study of cycles of basic and major disciplines;

☐ teaching and research practice, research work (R&D), including writing and defending a doctoral dissertation;

☐ intermediate and final attestations.

Qualifications and degrees obtained as a result of mastering the EP are clearly defined, explained and comply with the ESG. The description of the procedures that comply with this standard allows us to conclude that students of all levels, employers and partners are involved in the development of the EP and the conduct of external expertise.

The structure of the content of the EP is determined in accordance with the established requirements for accounting and measuring instruments of education: curricula and programs, the volume of the teaching load, the duration of academic periods, types of academic studies, the volume of educational material.

The initial documents for the development of the EP are the State Educational Standards, the curriculum of compulsory disciplines, the catalog of elective disciplines (QED), the base of key and professional competencies.

The key competencies of a graduate of accredited EPs are determined by the Regulations on the educational program and can be supplemented or changed taking into account modern requirements.

Professional competencies are developed according to accredited EPs, taking into account the requirements of employers and the social demand of society.

The base of key and professional competencies is compiled and updated annually by the Working Group for the development of the EP. The working group is formed from leading scientists, practitioners in the areas of their training, students and employers. Meetings of the Working Group are documented in minutes.

At the preparatory stage, the teaching staff and the head of the department:

They study the indicated regulatory documents to identify the basic requirements for the content of disciplines / modules and the competencies formed, taking into account the NQF, the European Qualifications Framework (ERF).

They analyze professional and/or industry standards, the labor market and employers' requirements for future specialists.

Form a base of key and professional competencies.

Interdisciplinary correspondences are revealed for the formation of modules and competencies.

The teachers of the department submit their proposals to the Working Group for the development of the EP on the formation of modules in accordance with the goals and objectives of the disciplines, indicating the learning outcomes of the module, its volume and duration. At the stage of formation of key learning outcomes, adequate control methods and evaluating tools are planned, and learning outcomes are clearly described.

Key results orientation entails identifying appropriate teaching, learning (learning) and assessment methods.

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.

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.

In the analysis of the labor intensity of the EP, the distribution of loads by modules, the realism and adequacy of the teaching load, and the comparability of loads of the Republic of Kazakhstan are taken into account.

In conclusion, substantiated conclusions are given about the quality of the development of the EP project, specific practical proposals are formulated if it is necessary to refine it, methodological recommendations are given on the advisability of approving the EP project and the possibility of its use in the educational process.

One of the following decisions of the Working Group is indicated: to recommend the FSF to approve the OP; return to the department for revision. When the Working Group for the review of the EP decides to "recommend the FSF to approve the EP", the agreed EP is transferred to the methodological department of the Department of Academic Affairs.

The methodological department of the Department of Academic Affairs conducts an internal technical review of the EP. Based on the results of the check, the EPs are submitted for consideration by the Director of the Department of Academic Affairs to the Educational and Methodological Council of the University after approval, which, educational programs are submitted for approval to the Academic Council of the University. Approved EPs are entered into the database of the PLATONUS system.

Changes in international and national legislation, novelties in the regulatory documents of higher and postgraduate education, requests from internal and external stakeholders, in cases of extreme need to add additional modules (disciplines) to the content of the EP or replace

individual modules and disciplines, the achievements of science serve as the basis for making changes and additions to the EP.

Students, employers and partners of the department take part in the development and conduct of the examination of the EP. It is not allowed to make changes to the EP, the modules of which are the passed academic period and the current academic year.

In order to control the effectiveness of the implementation of educational programs at the university, an organizational and methodological commission has been created to control the quality of training of specialists, this body is a body under the vice-rector for M&M, the main task of which is to improve the quality of training of specialists by organizing systematic audits of the activities of all structural divisions and individual employees university in order to eliminate existing shortcomings and prevent their occurrence in the future.

Thus, the procedure for the development and approval of the EP corresponds to the main provisions of the legal and regulatory documents of the Republic of Kazakhstan in the field of higher and postgraduate education. The procedures for the development and approval of the EP are described in a special Regulation.

The content of the accredited EPs, as well as the description and analysis of the development and approval of the EP, correspond to the goals and key learning outcomes.

The content of the EP is presented to students, teaching staff, employees, internal and external stakeholders - all interested parties.

In the EP, the load of students in the context of the theoretical, practical and scientific components is clearly defined. The approval of the EP at the institutional level is procedurally determined and carried out by the decisions of the Educational and Methodological Council and the Academic Council of the University.

Analytical part

Analyzing the standard "Development and approval of educational programs", the members of the EEC came to the conclusion that the consideration and approval of the EP takes place at the department, is recommended by the decision of the University's Educational and Methodological Council and is approved at a meeting of the Academic Council of the University.

EEC members note that the accredited educational programs "Forest resources and forestry", "Hunting and fur farming" are provided with RUP, syllabuses, EMCD, which are compiled in accordance with regulatory documents and meet the specifics of the accredited EP. A set of QED disciplines, the choice of enterprises for internships contributes to the formation of students' professional competencies.

A graduate model has been developed. The participation of teaching staff and employers in the development and management of the EP ensures its quality. The content, volume, logic of building an individual educational trajectory of students, the influence of disciplines and professional practices on the formation of professional competence of graduates meets all the requirements for the implementation of the EP.

The graduate model reflects the purpose and objectives of the educational program, areas of activity and acquired professional competencies. The graduate model is discussed annually at an expanded meeting of the department with the participation of employers and students. When updating the structure and content of the EP, professional competencies are reviewed in accordance with the changes made. After revision and updating, the graduate model is posted on the university website.

The formation of professional competence among students is carried out by introducing the relevant disciplines into the EP "Hunting and fur farming". In particular, the disciplines "Ecological expertise in hunting", "Resource-saving technology for the use of game animals and hunting rationing" and "Cadastre and monitoring of game animals and lands" form students' professional competencies - the ability to organize research work, manage and organize hunting activities, control and reproduction of the animal world.

The formation of professional competence among students is carried out by introducing the relevant disciplines into the EP "Forest Resources and Forestry". In particular, the disciplines "Problems of rational use of forest resources in Kazakhstan", "Forest legislation", "Innovative methods of accounting for forest resources", "Innovative methods of forest growing" form students' professional competencies - the ability to organize research work, manage and organize forestry work, methods of accounting for forest resources, as well as the application of Laws and other regulatory legal acts of the Republic of Kazakhstan in the field of forestry.

At the same time, the EEC notes that in the accredited EPs, modules are widely presented that allow preparing students for professional certification.

Questioning of students, conducted during the visit of the EEC IAAR, showed that: 90.4% were "completely satisfied" with the speed of response to feedback from teachers regarding the educational process; "partially satisfied" – 6% of students. Satisfied with the quality of teaching "fully satisfied" - 86.7%, "partially satisfied" - 8.4%, "partially dissatisfied" - 2.4%.

To the question to the teachers, to what extent does the content of the educational program satisfy your needs? A positive answer "very good" - 74.4% and "good" was provided by 25.6% of respondents.

Strengths/best practice:

- commissions of educational programs have been created, which include teaching staff, employers, students, issues of design, development and approval of EP and other issues of the educational process are discussed at meetings;
- for each EP, the head of the EP was appointed and working groups were formed by specialties to develop the EP, determine the profile and model of the graduate;
- most of the practices are carried out on the territory of enterprises with subsequent employment of graduates.

EEC recommendations for EP:

- in the 2021-22 academic year, the leadership of the EP is recommended to introduce modules into the programs of disciplines to prepare the student for professional certification.
- to the management of the EP in the development plans of the EP, include a clause aimed at developing professional cooperation with Kazakhstani and foreign educational organizations for accredited EPs in order to harmonize modules and develop joint EPs, start implementing joint educational programs until 2023.

Conclusions of the EEC according to the criteria:

According to the standard «Development and approval of the Educational Programme» "educational programs have 1 strong, 9 satisfactory and 2 suggesting improvement positions.

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

The evidentiary part

The educational policy of the university is carried out in accordance with the legislative acts of international and national legislation in the field of higher and postgraduate education.

Internal regulatory documents that define educational policy - the Charter, the development strategy of the university until 2021, the quality assurance policy affect the established, published and current rules of the "life cycle" of students.

The assessment of the quality of the implementation of the EP includes the management of the EP (the level of the teaching staff, the organization of the educational process, the systematic assessment of the level of achievement of program goals, the demand for graduates), the implementation of the EP (curriculum, model programs of disciplines, methodological and information support, infrastructure, educational technologies, research and development work), the results achieved by students in the development of RD (intermediate certification, final

certification, certification of all types of practices). Evaluation of the effectiveness of the implementation of RD at the department is carried out through control visits to classes, analysis of feedback from external leaders of practice, conclusions of the chairmen of state attestation commissions, reviewers of theses.

In accordance with the state program for the development of the agro-industrial complex of the Republic of Kazakhstan for 2017-2021 and the state program "Digital Kazakhstan", "the concept of the transition of the Republic of Kazakhstan to sustainable development for 2007-2024", "strategic plan for sustainable development of agriculture", design, research and final works 6B08301,7M08301-Game Management and Fur Farming are carried out using remote sensing and GIS technologies.

The results of quality control of the implementation of the EP are drawn up in the form of analytical reports, reports and are considered at meetings of the collegiate bodies of the university. As part of the evaluation of the EP, it is planned to organize monitoring procedures. The results of quality control are considered in terms of taking preventive and corrective measures.

The university has a system of internal quality control of students' knowledge. Analysis of learning outcomes by courses and faculties within the framework of educational programs. The effectiveness and reliability of information for managing the quality of educational activities is ensured by using the information system "PLATONUS", which contains all the information about the educational activities of students.

The processing of accredited EPs is carried out in connection with changes in the regulatory documents of the Ministry of Education and Science of the Republic of Kazakhstan, the introduction of new areas and optional courses. The EP is updated in accordance with the requests of employers, which is reflected in the approval of the catalog of elective disciplines for the corresponding academic year.

The educational policy of the University is implemented in accordance with the legal and regulatory acts of international and national legislation in the field of higher and postgraduate education.

The university implements measures to continuously support students at all stages of education.

Internal regulatory documents that define the educational policy - the Charter, the Development Strategy of the University until 2021, the Quality Assurance Policy have an impact on the established, published and applied rules of the student "life cycle".

Analytical part

The EEC notes that the university is reviewing the content and structure of educational programs with the participation of employers. This was confirmed during visits to special departments and in the analysis of the submitted documents.

Analysis of accredited EPs for compliance with the criteria of the standard "Development and approval of an educational program" shows that the content of the educational program, the sequence of their implementation, the depth of development and training meet the regulatory requirements. Commissions of educational programs have been created, including teaching staff, employers, foreign scientists, students, at meetings they discussed the design, development and approval of the EP and other issues of the educational process. Also, for each EP, the head of the EP was appointed and working groups were created for specialties, the development of the OP, the definition of the profile and model of the graduate. Particular attention is drawn to the integration of accredited EPs into the international educational space, taking into account the expansion of trade relations in the field of import and export of products through cooperation with foreign educational space in the format of experience, guest lectures, video conferences.

A survey of students conducted during the visit of the EEC IAAR showed:

- prompt response to feedback from teachers in the field of education "fully satisfied" process - 90.4%; partially satisfied - 6%.

- Satisfied with the quality of education "fully satisfied" - 85.7%, "partially satisfied" 8.4%, "partially dissatisfied" - 2.4%.

To the question we asked teachers how the content of the educational program meets your needs, 100% of respondents answered "very good" and "good".

At the same time, the EEC notes that it is necessary to ensure regular and timely informing of students, teaching staff, employers about all changes in the EP through various communication channels. Providing access to all materials related to the development of the EP.

Strengths/best practice:

- strengths are not identified by the members of the EEC.

EEC recommendations for EP:

- the leaders of the EP are recommended to ensure the publication in external sources of information, and on the website of the university, about all the changes and actions taken in relation to the EP with an annual update and notification of all interested parties.

Conclusions of the EEC according to the criteria:

According to the standard «On-Going Monitoring and Periodic Review of Educational Programme» educational programs have 9 satisfactory and 1 suggesting improvement positions.

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.

EP 6B08302, 7M08302, 8D08302 -Forest Resources and Forestry , 6B08301, 7M08301- Game Management and Fur Farming are the basis for the formation of the educational mission of the University in general and the department in particular. Therefore, the participation of students in the creation of an EP that would reflect their expectations has become a trend in the educational and professional direction in the development of an EP. Based on this, students are actively involved in the process of developing the EP.

The management of the EP provides students with equal opportunities to create an individual educational program aimed at developing professional competencies, regardless of the language of instruction. The educational process is conducted in the state and Russian languages. Students receive information about the possibilities of building an individual educational trajectory, as well as receive assistance in its implementation through the university's website, as well as with the help of an advisor. Academic disciplines are provided with methodological instructions, laboratory work on EMCD, SIW. Students are given the opportunity to independently build an educational trajectory and make a choice from several proposed disciplines for the next academic year.

In the educational process, the teaching staff uses innovative teaching methods in the form of business and role-playing games, simulation trainings, discussions, motivation methods, situational tasks, and slide show design. Each level of study (BA, MSc and PhD) is dominated by certain teaching methods. If discussions, moderation, case methods are more typical for undergraduate students, then methods aimed at the development of scientific activity, such as research setting and solving experimental hypotheses, comparative analysis, etc., are more typical for magistracy and, in particular, doctoral studies. lesson using an interactive whiteboard, multimedia projectors. When conducting seminars, the teaching staff actively uses control and training technologies, electronic textbooks.

Students have free access to information resources and library funds, educational and scientific literature, information bases, including international data sources located in electronic libraries.

The university has created all conditions for educational and research activities in all training courses. The support system includes consultations with teachers on the individual work program of the studied disciplines. Faculty advisors manage the process of adaptation of students who entered the university; conduct curatorial hours aimed at support, assistance and advice in the development of the features of credit technology, the features of education in universities, the choice of elective disciplines.

Student on their own:

- viewing and downloading an individual curriculum (IEP);
- view and download the educational and methodological complex (EMCD);
- keeping records of current, rating and final assessments in an electronic journal;
- passing online tests by the method of computer testing in the discipline during the period of intermediate certification;
- have the opportunity to file an appeal in the disciplines taken by the method of computer testing;
- view and upload the transcript.

When visiting the practice bases, the leaders of the practice at the enterprise noted a sufficient theoretical and practical level of training, the interest of students in obtaining additional practical knowledge in accredited educational programs.

The teaching staff is carrying out work aimed at improving the methods of teaching the academic disciplines of the EP.

The assessment mechanism includes current control, midterm control, intermediate and final certification. The assessment of knowledge, skills and professional competencies of students studying on credit technology of education is carried out on a 100-point scale with the conversion of the final result into an alphabetic and digital equivalent. For the period of the examination session, by order of the rector, an appeal commission is created from among teachers whose qualifications correspond to the profile of the disciplines being appealed. The decision of the appeal commission is drawn up in a protocol, on the basis of which an examination sheet is compiled. Appeals are considered no later than the next working day after the date of its submission. Students are informed about the date, time and place of the consideration of the appeal at the time of its registration in the "Office-Registrar".

The student has the right to be present during the consideration of the appeal. With a minor student (under 18 years old), one of the parents or legal representatives has the right to be present. After consideration, the Appeal Commission decides to change the mark of the exam results or leave the specified mark unchanged. The decision of the appeal commission on the mark for the exam is made both in the case of its increase and decrease. In the event of disagreement in the Appeal Commission regarding the assessment, the decision is made by a majority vote. Voting is open. In case of equality of votes, the Chairman of the Commission has the right to a casting vote. The decision of the appeal commission drawn up in the protocol is brought to the attention of the student. The fact of familiarization of the applicant (legal representative) / student with the decision of the appeal commission is certified by their signature. All educational achievements of students are reflected in the transcript.

Monitoring the progress of students along the educational trajectory is carried out by the "Office-Registrar" on the basis of the system for evaluating the results of students and the reports of the teaching staff of the department. The educational achievements of students in all types of training assignments and assignments are evaluated according to the point-rating letter system for assessing knowledge. In connection with changes in regulatory documents, the university has developed a standard for organizing the QMS 02.2007-2018 "Knowledge control and final certification of students."

The PLATONUS system contains all educational documentation: EP, working curriculum (RCP), QED, 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 the disciplines indicating the e-mail, telephone 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.

In accordance with paragraph 1 of Article 37, the Law of the Republic of Kazakhstan "On Social Protection of Disabled Persons in the Republic of Kazakhstan", approved by the Order of the Minister of Health and Social Development of the Republic of Kazakhstan dated December 09, 2016 No. 1050, the University has created a barrier-free environment to ensure the conditions for the accessibility of buildings and structures for students with special needs: visually impaired (<http://www.kaznau.kz/>).

In some buildings and student houses of the university there are ramps, doorways, sanitary facilities for teaching and living for students with disabilities.

The policy of the department is based on respect for students in the framework of student-centered learning.

In the process of teaching, teaching staff use pedagogical and psychological didactic tools and methods. They encourage students to take an active role in the learning process. The teacher is practically unlimited in choosing the method of conducting the lesson, corresponding to student-centered learning. According to the degree of independence and creativity of the students' activities, the following traditional methods are used: the discussion method involves the formulation of a problematic issue with subsequent discussion, including in small groups (associate professor of the department M. Baibatshanov, discipline: "Cadastre and monitoring of game animals and grounds", senior lecturer of the department T. Kydyrov, discipline: "Resource-saving technology for the use of game animals and hunting rationing").

The teachers of the department actively use in the classroom on theriology, ornithology, diseases of animals and birds, biology of game animals, biotechnology and game breeding, (game method, game design, simulation training, role-playing, internship with the performance of a job role, business games, economic situations, analysis documents, actions according to instructions, incidents, etc.) and non-imitation (internship without performing a job role, field session with a discussion, discussion with and without brainstorming, problem situations, etc.) innovative teaching methods.

The need to use active methods of use is substantiated by the leading teacher of the discipline, reflected in the syllabuses, which are considered and approved at meetings of the department, the methodological council of the faculty. The use of innovations in the educational process has a direct impact on learning outcomes, as it activates the activity of students and enhances feedback from teachers, thereby contributing to better assimilation of educational material and is reflected in improved academic performance.

With student-centered learning of the EP, students are given a certain load on independent work. The list of types of such work includes mandatory elements (preparation for all types of classes, independent study of individual topics of the program, preparation for control measures) that provides for the implementation of various tasks (abstracts, term papers, etc.), the list of which is determined by the tasks and content of the discipline.

One of the common methods of involving students in the development of an EP is to identify students' opinions about learning outcomes. Questioning is carried out twice a year (questionnaire of students to identify the degree of satisfaction with the quality of educational services provided and questioning "Teacher through the eyes of a student").

Thus, the department in the educational process uses a variety of teaching methods, various forms of teaching, corresponding to student-centered learning, which encourages students to take

an active role, to build EP 6B08302,7M08302, 8D08302 -Forest Resources and Forestry , 6B08301,7M08301-Game Management and Fur Farming.

Analytical part

Analysis of the standard "Student-centered learning, teaching and assessment of progress" showed that the accredited EP uses fairly modern information and pedagogical learning technologies.

The EEC confirms that the university constantly monitors, periodically evaluates and revises educational programs for the effective implementation of the educational process and is working to create a favorable learning environment for students. Employers and scientists, including foreign ones, are involved in the process of designing, developing and implementing, as well as revising the EP, for conducting classes, advising doctoral students. The management of the university has demonstrated its openness and accessibility for students, teaching staff, employers: reception hours for personal issues are determined, meetings with the rector are held on a systematic basis. Employers take part in the development of the EP by submitting their proposals for new elective disciplines. The University has employers' feedback on EP modules, MOPs, QEDs, graduate models. Taking into account the changing tasks of the phytosanitary service of the Republic of Kazakhstan, the needs of society and the professional environment, changes are made to the EP in terms of the content of the studied disciplines, revision of the labor intensity, the format of the classes. When studying the state of affairs on taking into account the results of the analysis of changes in the labor market, the requirements of employers and the social demands of society, letters were provided from employers on the inclusion of new elective disciplines, however, monitoring of the labor market is not carried out on an ongoing basis. Therefore, the commission noted the ongoing monitoring of the labor market by the department, the influence of environmental factors (competitors, the phytosanitary state of imported and exported products, etc.), employers to identify and take into account the expected learning outcomes when developing and updating the content and structure of the EP, and conducting an analysis labor market using modern methods and applications. According to the results of the survey, the level of accessibility and responsiveness of the university was rated by students as "fully satisfied" - 81.9%, "partially satisfied" - 14.5% of respondents.

The survey conducted during the visit of the EEC IAAR showed that students express full and partial satisfaction:

- teaching methods in general - 85.5%
- the level of teaching quality - 86.7%;
- fairness of examinations and attestation - 83.1%;
- conducted tests and exams - 85.5%.

The members of the EEC note that the university has developed a mechanism for the response of the management of the EP to the complaints of students.

The assessment of knowledge, skills and professional competencies of students using credit technologies of education is carried out on a 100-point scale with the conversion of the final result into an alphabetic and digital equivalent. When assigning a grade, attendance, the level of lesson activity, the timely and independent completion of all types of tasks, the ability to correctly formulate a problem, and find an answer are taken into account.

At the level of the department, in accordance with the established schedule, control is carried out for all types of activities (classroom, teaching and methodological, research, educational, independent work of students, etc.) with discussion at weekly operational meetings. At the end of the 1st, 2nd and 3rd trimesters, an analysis of the activities of the teaching staff for the trimesters is carried out with a discussion at a meeting of the department and a decision is made. Corrective actions are taken if necessary.

The teachers of the department actively use in the classroom theriology, ornithology, biological resources and nature management, game science, conservation, biotechnology and game breeding, (Baibatshanov M.K., Kydyrov T.N., Zhubanyshova A.T., Tungushbaeva G.K.,

Abdibek A.E.) simulation (game design, game method, role-playing, simulation training, internship with the performance of an official role, business games, business situations, analysis of documents, actions according to instructions, incidents, etc.) and non-imitation (internship without performing job role, field session with discussion, discussion with and without brainstorming, problem situations, etc.) innovative teaching methods. The need to use active methods of use is substantiated by the leading teacher of the discipline, reflected in the syllabuses, which are considered and approved at meetings of the department, the methodological council of the faculty. The use of innovations in the educational process has a direct impact on learning outcomes, as it activates the activity of students and enhances feedback from teachers, thereby contributing to better assimilation of educational material and is reflected in improved academic performance. The analysis of the presented documents, attendance of the conducted classes confirms the use of various methods of teaching and learning. However, the presence of own research in the field of methods of teaching the academic disciplines of the EP, as well as their implementation in the educational process, was not revealed.

Strengths/best practice:

- strengths are not identified by the members of the EEC.

EEC recommendations for EP:

- the leadership of the EP to include in the development plans an item on the development and implementation of the teaching staff's own research in the field of teaching methods of academic disciplines in the educational process. And to ensure the passage of advanced training of teaching staff in this area until the 2021-2022 academic year.

EEC conclusions by criteria

According to the standard «Student-Centered Learning, Teaching and Performance Evaluation» educational programs have 10 satisfactory positions.

6.6. Standard "Students"

The evidentiary part

The educational policy of the University is implemented in accordance with the legal and regulatory acts of international and national legislation in the field of higher and postgraduate education.

Internal regulatory documents that define the educational policy - the Charter, the Development Strategy of the University until 2021, the Quality Assurance Policy have an impact on the established, published and applied rules of the student "life cycle".

Citizens of the Republic of Kazakhstan, foreign citizens and stateless persons with a certificate of secondary basic education are accepted for EP 6B08302, 7M08302, 8D08302 - Forest Resources and Forestry, 6B08301, 7M08301-Game Management and Fur Farming. 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 in case of equality of points scored in entrance examinations. 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 August 20 to 31. To participate in the competition and to study on a paid-contractual basis, a threshold score of at least 65 points is taken into account, for each subject there 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 accepted for EP 6B08302, 7M08302, 8D08302 -Forest Resources and Forestry, 6B08301, 7M08301-Game Management and Fur Farming. 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.

EP 8D08302 -Forest Resources and Forestry are accepted on a competitive basis by 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. 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: English: Test of English as a Foreign Language Institutional Testing Program (TOEFL ITP) - at least 138 points; Test of English as a Foreign Language Institutional Testing Program Internet-based Test (TOEFL IBT) - at least 32 points; Test of English as a Foreign Language Paper-based testing (TOEFL PBT) - at least 400 points; Test of English as a Foreign Language Paper-delivered testing (TOEFL PBT) - at least 47 points; International English Language Tests System (IELTS) - at least 4.5; German: Deutsche Sprachprüfung für den Hochschulzugang (DSH) - Niveau B2/level B2; Test DaF-Prüfung - Niveau B2 / level B2; French: Test de Français International TM (TFI) - not lower than B1 level in reading and listening sections); Diplôme d'Études en Langue Française (DEL F) – level B2; Diplôme Approfondi de Langue Française (DAL F) – level C1; Test de connaissance du français (TCF) - at least 400 points.

At the "entry", a doctoral student must have all the prerequisites necessary for mastering the relevant professional doctoral curriculum. The list of required prerequisites is determined by the higher education institution independently. In the absence of the necessary prerequisites, the

doctoral student is allowed to master them on a paid basis. In this case, doctoral studies begin after the doctoral student has fully mastered the prerequisites.

Entrance examination programs are formed by faculties on the basis of standard (working) programs in the disciplines of the compulsory component of the previous level of education.

In the case of the same indicators of competitive points, the persons with the highest mark in the specialty receive the priority right when enrolling, in the case of the same indicators of the entrance exam in the specialty, the persons with the highest mark in a foreign language receive the priority right. Then, scientific achievements are taken into account that correspond to the profile of the chosen specialty: scientific publications, including those in rating scientific publications; certificates of scientific developments; certificates of awarding scientific scholarships, grants; certificates/diplomas for participation in scientific conferences and competitions.

Enrollment in the number of doctoral students 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 doctoral studies per year is 1,300,000 tenge). An order for enrollment on a paid (contractual) basis is issued only after the conclusion of an agreement for paid education.

The procedure for admission to EP 6B08302,7M08302, 8D08302 -Forest Resources and Forestry , 6B08301,7M08301-Game Management and Fur Farming of a certain level of the University is determined by the Rules for admission to the University, approved by the RS. Admission rules are developed in accordance with the requirements of the current legislation of the Republic of Kazakhstan.

Priority remains with applicants who have the “Altyn Belgi” sign, winners of international and republican Olympiads, graduates from rural areas, the disabled, orphans. Information about the rules and conditions for admission, a list of required documents are posted in advance on the official website of the university <https://www.kaznau.kz/page/talapker/?lang=ru>.

The results of the competition for the state educational grant are published in the official printed publications of the Republic of Kazakhstan "Egemen Kazakhstan" and "Kazakhstanskaya Pravda" in the first ten days of August and are posted on the website of the Ministry of Education and Science of the Republic of Kazakhstan (www.edu.gov).

The admission of foreign citizens according to the allocated quota on the basis of the state educational order to international higher educational institutions established on the basis of interstate agreements is carried out by higher educational institutions independently.

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

All information about the rules for registration and admission to EPs of all levels is posted on the University website <https://www.kaznau.kz/page/talapker/?lang=ru>. in the "Applicants" section.

The admission committee of the University coordinates the activities for receiving documents. Admission of citizens to the University is carried out on the basis of the results of a unified national testing (UNT) or complex testing (CT), conducted according to the rules and procedures developed by the National Testing Center of the Ministry of Education and Science of the Republic of Kazakhstan (NTS).

To attract applicants, the department annually holds the following events: an open day at the faculty and university level, visiting schools in Almaty, holding presentations, distributing advertising booklets of educational programs in schools in Almaty, Almaty region and other cities of Kazakhstan.

The university has a policy of forming a contingent of students from admission to graduation, which is supported by appropriate procedures. So, for the adaptation of students who have arrived, advisors, curators conduct curatorial hours, activities aimed at supporting and consulting for the development of credit technology of education, consultations when choosing a learning trajectory, assistance is provided in choosing elective disciplines according to the learning trajectory. An introductory practice is carried out, students are provided with a guide to the university. Graduates of the EP have the opportunity to continue their education.

The University carries out training of personnel under the state order, as well as on a paid-contractual basis. Information about the contingent of those who entered the EP "Forest resources and forestry", "Hunting and fur farming" are presented in tables 2, 3.

Table 2 - Admission of students for EP for 2016-2020

Training year	6B08301 – Game Management and Fur Farming					7M08301 – Game Management and Fur Farming				
	total	including				total	including			
		kazakh	russian	grant	treaty		kazakh	russian	grant	treaty
2016-2017	7	7	-	6	1	-	-	-	-	-
2017-2018	13	13	-	13	-	3	3	-	3	-
2018-2019	33	33	-	31	2	1	1	-	1	-
2019-2020	16	16	-	14	2	-	-	-	-	-
2020-2021	13	13	-	8	5	-	-	-	-	-
TOTAL	82	82	-	72	10	4	4	-	4	-

Table 3 - Admission of students in the EP for 2016-2020

Training year	6B08302 – Forest resources and forestry					7M08302 – Forest resources and forestry					8D08302 – Forest resources and forestry			
	total	including				total	including				total	including		
		kazakh	russian	grant	treaty		kazakh	russian	grant	reaty		kazakh	russian	grant
2016-2017	67	58	9	26	41	3	3	-	3	-	2	2	-	2
2017-2018	63	59	4	41	22	3	3	-	3	-	1	1	-	1
2018-2019	86	76	10	61	25	5	5	-	5	-	4	4	-	4
2019-2020	104	97	7	93	11	1	1	-	1	-	0	-	-	0
2020-2021	87	73	14	80	7	6	6	-	5	1	3	3	-	3
TOTAL	407	363	44	301	106	18	18	-	17	1	10	10	-	10

An analysis of the dynamics of admission of applicants for educational programs "Hunting and fur farming" over the past five years shows: in 2016, 7 people were enrolled in the first year, in 2017 - 13 people, in 2018 - 33 people and in 2019 - 16 people, and in 2020 - 13 people.

For the educational programs "Forest Resources and Forestry", a similar situation is developing - a gradual increase and a slight decline in 2020: in 2016, 67 people were enrolled in the first year, in 2017 - 63 people, in 2018 - 86 people, in 2019 - 104 people and in 2020 - 87 people.

The university noted fluctuations in the number of undergraduates and doctoral students over the years due to changes in the state educational order. In 2017, 3 people entered the master's program in the EP "Hunting and fur farming", of which 3 were on a state order, not on a

paid basis. In 2018, respectively, in total - 1 of them on a state grant - 1, on a paid basis, there was no admission to the master's program in subsequent years.

According to the educational programs "Forest resources and forestry", masters and doctoral students enter only places of state order. In 2020, one master's student entered on a paid-contractual basis.

For 5 years, according to the educational program "Hunting and fur farming", 82 students, 4 undergraduates entered the full-time department.

Of the 82 enrolled students, 72 study on a state grant and 10 students on a contractual basis.

In the 2018-2019 academic year in September, the total contingent of students in the OP amounted to 66 people, incl. undergraduate - 62, master's - 4.

In the 2019-2020 academic year in June, the total contingent of students in the EP amounted to 70 people, incl. undergraduate - 69, master's - 1.

In the 2020-2021 academic year in September, the total contingent of students in the EP was 90 people, all in the bachelor's degree - 90, there was no enrollment in the master's program.

The total contingent for distance learning for the 2018-2019 academic year was 23 people, 2019-2020 academic year - 22 students, 2020-2021 - 19 people.

For 5 years, 407 students, 18 undergraduates and 10 doctoral students entered the full-time department under the educational program "Forest Resources and Forestry". Of the 435 applicants, 318 are studying on a state grant, and 117 on a contractual basis.

It should also be noted that in recent years there has been a trend towards an increase in the contingent of students studying distance learning programs. The total contingent for this form of study for the 2018-2019 academic year was 110 people, 2019-2020 academic year - 141 students, 2020-2021 - also 141 people. This is the highest rate for the university.

The university provides students with practice places. Students of accredited EPs do internships in such organizations as the Kazakh forest management enterprise "Kazlesproekt", "Republican Forest Selection and Seed Center", KSE "Almaty Zoo", RSE "PO Okhotzooptom" and others. The university is implementing a set of measures to organize the employment of graduates, keeping in touch with them. The university has an alumni association, whose activities are aimed at assisting in the training of specialists of a new formation and the establishment of mutually beneficial relations between the university and its graduates. Information on the Alumni Association is presented on the university website <https://www.kaznau.kz/page/tulekter/?lang=ru>.

Analytical part

Analyzing the "Students" standard, the members of the EEC came to the conclusion that the university demonstrated the policy of forming a contingent of students and the transparency of its procedures, the compliance of its actions with the Lisbon Recognition Convention.

The management of the EP demonstrated the implementation of special adaptation and support programs for foreign students and first-year students.

The University cooperates with other educational organizations on academic mobility, provides students with internship places, and promotes the employment of graduates.

In the presented plans for the development of the EP, there are no indicative indicators for the items "Participation of students in the program of incoming and outgoing, external and internal academic mobility", and "Organization of additional formal and non-formal education".

The information on the alumni association presented on the university website does not demonstrate the results of its work. The meeting with alumni showed that most of the alumni are not part of it, and some have not even heard of it. Consequently, the conceptions that are put before the association remain unresolved.

To attract applicants, graduating departments annually hold the following events: an open day at the faculties, at the university level, visiting schools in Almaty, holding presentations,

distributing advertising booklets of educational programs in schools in Almaty, Almaty region and other cities of Kazakhstan.

At the same time, there is a decrease in the admission of students to the EP "Hunting and fur farming" in 2019 and 2020.

The cost of studying students and undergraduates includes the salary fund and allowance for teachers for health improvement, expenses for educational and industrial practice, student accommodation in a hostel, library and Internet services, social tax, social contributions, travel expenses, expenses for the purchase of material and technical means, utilities, repairs.

In order for the discipline to be included in the individual curriculum (IEP), a sufficient number of students must enroll in it. The requirements for the number of students in academic streams are described in the Rules for the distribution of workload by type of academic work.

According to the results of the survey, students express "complete satisfaction":

- availability of academic counseling - 77.1%;
- availability of health care services - 75.9%;
- existing educational resources - 88%;
- overall quality of training programs - 85.5%;
- the relationship between the student and the teacher - 83.1%.

Strengths/best practice:

- conditions have been created at the university to provide students with internships, assist in the employment of graduates, and maintain contact with them;
- the presence of mechanisms that ensure the adaptation and support of students entering the first year and foreign citizens.

EEC recommendations for EP:

- in accordance with the University Development Program for 2020-2024, the leadership of the EP, starting from the 2021-2022 academic year, include indicative indicators in the EP development plan and implement the items "Participation of students in the program of incoming and outgoing, external and internal academic mobility", and "Organization of additional formal and non-formal education";
- the management of the university to take measures to improve the performance of the "Alumni Association", namely, to start implementing the association's work plan, informing the activities of the association through all possible informative sources, to position successful graduates;
- to intensify work on providing a contingent of students of EP 7M08301-Game Management and Fur Farming

Conclusions of the EEC according to the criteria:

According to the standard « Students » educational programs have 2 strong, 9 satisfactory and 1 one suggesting improvement positions.

6.7. Standard "Teaching Staff"

The evidentiary part

One of the key subjects of the educational process of accredited EPs is the teaching staff. It is responsible for the quality of the educational services provided, ensuring the development of life skills, competencies, independence, creativity, etc. in students. The University bears the main responsibility for the quality of its employees and providing favorable conditions for their effective work, in connection with which, the University has developed clear, transparent and objective criteria for employee hiring, appointment, promotion and dismissal.

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.

The selection of teachers for vacant positions of teaching staff is carried out on the basis of competitive selection with the subsequent conclusion of an employment contract. The University announces a competition for filling the positions of heads of departments, professors, associate professors after the expiration of the employment contract, as well as for vacant positions.

The competition for filling vacant positions of teaching staff and scientists, as well as information about vacant positions is announced through the media, determined in the prescribed manner, as well as the University's media (website, newspaper). The competition is held on the basis of an analytical summary of the results of the applicants' activities in the form of a questionnaire, peer review, testing, interviews, creative reports, publications in international rating journals with a non-zero impact factor included in the ThomsonReuters, Scopus databases and other forms of testing professional competencies to the extent established requirements for each position. Since 2018, the University has launched a pilot KPI project that characterizes the individual performance and key performance indicators of university employees. The main goal of introducing KPI was to increase the contribution of each employee to the achievement of the strategic goals of the University.

Remuneration based on the results of the PPP rating is not part of the salary. When calculating the points of the 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.

The implementation of accredited EPs is provided by teaching staff with basic education corresponding to the profile of the discipline taught, and systematically engaged in scientific and (or) scientific and methodological activities. Teachers of modules and disciplines of the profiling cycle, as a rule, have an academic degree of candidate, doctor of science, doctor of PhD and (or) experience in the relevant professional field.

Detailed information about the teaching staff is available on the University website in the "Faculties" section: "Faculty of Water, Land and Forest Resources" - Department of "Forest Resources and Game Science" - "Teaching Staff".

At the department that implements EP 7M08301-Game Management and Fur Farming, the owner of the badge "Alash Ustazy" and "Otan patriots", candidate of agricultural sciences, associate professor Baibatshanov M.K.

Teaching of basic and major disciplines is carried out by the teachers of the department "Forest resources and hunting science". The staff involved in the implementation of the EP is shown in the following tables 4,5,6.

At the department that implements EP 6B08301,7M08301-Game Management and Fur Farming, a member of the International Academy of Informatization, Candidate of Agricultural Sciences, Associate Professor Baybatshanov M.K.

An analysis of the staffing of the departments shows that a sufficient number of qualified teachers take part in the implementation of EP 6B08301 - Hunting and fur farming, and only teachers with a scientific degree take part in the implementation of EP 7M08301-Game Management and Fur Farming

According to EP 6B08302,7M08302, 8D08302 -Forest Resources and Forestry at the department are taught by 1 academician of the National Academy of Sciences of the Republic of Kazakhstan (Baizakov S.B.), 4 doctors of science (Kentbaeva B.A., Kentbaev E.Zh., Abaeva K.T., Mambetov B.T.), 3 candidates of sciences, associate professors (Shabalina M.V., Kozhabekova A.Zh. and Zhilkibaeva E.S.), 2 PhD (Borisova Yu.S., Toktasinova F.A.), 3 senior lecturers, including 2 masters of agricultural sciences and 1 without a degree. All teaching staff

who train specialists in EP 6B08302, 7M08302, 8D08302 -Forest Resources and Forestry have a degree.

PPP EP 6B08302, 7M08302, 8D08302 - Forest resources and forestry are involved in practical and are experts of the Ministry of Education and Science of the Republic of Kazakhstan, the Committee of Forestry and Hunting of the MEGPR of the Republic of Kazakhstan, academician of the National Academy of Sciences of the Republic of Kazakhstan Bayzakov S.B. is one of the authors of the Forest Code of the Republic of Kazakhstan, Professor Kentbaev E.Zh. was a national expert of FAO on making changes and additions to the Forest Code of the Republic of Kazakhstan.

The degree of teaching staff in the 2019-2020 academic year for the EP Forest Resources and Forestry is 76%. The average age of full-time teaching staff for EP was 43 years. The presence of basic education in the profile of the EP of the department - 100%.

Invited employees who have experience in specialized organizations, as well as those who are current employees of organizations corresponding to the profile of the implemented EP, also take part in the implementation of the EP.

Foreign scientists are invited to conduct classes and joint scientific research. So since 2016, 17 scientists from such countries as Finland, Italy, Czech Republic, Russia, Lithuania, Slovenia have taken part in the implementation of the Forest Resources and Forestry Program.

In order to improve the quality of the educational services provided, teachers implementing the EP improve their skills by taking refresher courses, internships in the Republic of Kazakhstan and abroad, participating in international and republican scientific, scientific-practical, scientific-methodological conferences and seminars.

Table 4 - Personnel involved in the implementation of OP 6B08301, 7M08301 - Hunting and fur farming

Academic year	General number of teaching staff	Of them PhD	Of them PhDs	Of them PhDs	Of them masters	Of them without degrees
2015-2016	6	-	2	1	3	-
2016-2017	6	-	2	1	3	-
2017-2018	4	-	2	-	2	-
2018-2019	6	-	2	-	3	-
2019-2020	6	-	2	-	4	-

Table 5 - Personnel involved in the implementation of OP 6B08302, 7M08302, 8D08302 - Forest resources and forestry

Academic year	General number of teaching staff	Of them PhD	Of them PhDs	Of them PhDs	Of them masters	Of them without a degree	degree
2015-2016	12	4	4	1	3	1	75
2016-2017	13	4	4	1	3	1	69,2
2017-2018	13	4	3	2	3	1	69,2
2018-2019	17	5	4	3	4	1	70,6
2019-2020	13	5	3	2	2	1	76,9

Table 6 - The total number of teaching staff of the department, staffing and average age according to the staffing table

Academic year	The total number of teaching staff by state. people schedule.	Including staff teachers, people (%)	Including part-time workers, people (%)	Average age, years
2015-2016	18	18 (100)	-	44

2016-2017	15	15 (100)	-	48
2017-2018	20	20 (100)	-	50
2018-2019	21	20 (95)	1 (5,0)	49
2019-2020	22	21 (95,5)	1 (4,5)	43

Every year, a plan is formed to increase the teaching staff of the department, monitoring of the passage of advanced courses at the expense of the budgetary funds of the Ministry of Education and Science of the Republic of Kazakhstan is carried out.

Teachers participating in the implementation of accredited EPs have completed advanced training courses in the courses taught. Table 7 shows statistics on participation in advanced training courses:

Table 7 - Number of teaching staff advanced training

Teaching staff	2016 year	2017 year	2018 year	2019 year	2020 year
Quantity	5	2	16	21	10

Teachers have the opportunity to improve their qualifications through doctoral studies (Ph.D Borisova Yu.S., masters Shynybekov M.K., Rakymbekov Zh.K., Adilbaeva Zh.B., Utebekova A.D.). Teachers of the department Kozhabekova A.Zh., Toktasynova F.A., Shabalina M.V., Kydyrov T.N. in accordance with the orders of the university based on the memorandum of the advanced training institute No. 20-235 dated June 20, 2017, in order to train specialists in the forestry and hunting economy of the Zhambyl region, they went to Taraz.

Teachers of the department Kentbaeva B.A., Baibatshanov M.K., Serikbaeva M., Esmukhanbetov D.N., Kydyrov T.N. in November 2017, we conducted a 2-week advanced training course for hunting specialists in the Almaty region.

In general, the data show an increase in the number of teachers participating in the professional development program.

The passage of scientific internships by teachers in leading universities of the Republic of Kazakhstan and abroad makes it possible to strengthen and develop scientific ties between scientists, contributes to the expansion of international cooperation in order to further implement the program of academic mobility of students and the passage of scientific internships by undergraduates, doctoral students.

In 2016, the teaching staff of the Department of Forest Resources and Game Science published 5 textbooks, 2 study guides, in 2017 3 study guides, in 2018 2 study guides, in 2019 1 study guide, in 2020 1 study guide.

An integral part of the activities of the teaching staff is participation in scientific, practical and methodological conferences. Participation in conferences contributes to the growth of the professional activities of teaching staff by presenting their results, gaining experience, and establishing scientific contacts.

The teaching staff involved in the implementation of these EPs systematically conducts work on professional development and improvement, participating in advanced training programs, conferences, seminars, and research projects. The integration of science and education makes it possible to improve the quality of the EP.

The quality of staffing for the training of bachelors, masters and doctoral students meets the requirements. The level of qualification and competence of the teaching staff of the departments is quite high. The teaching staff of the departments "Forest Resources and Game Science" has full knowledge with modern teaching methods, which allows you to effectively organize the educational process.

To implement the above teaching technologies, the university provides students and teaching staff with free access to computers connected to the Internet.

The calculation of the teaching load for the academic year is carried out by the department in accordance with the working curriculum of the specialty and the contingent of students. The distribution of the teaching load is made taking into account the qualifications of teachers. Lectures are conducted by candidates of sciences, professors, associate professors, senior lecturers.

When planning the workload, scheduling, the management of the university and the study program seeks to ensure a balance between teaching and other types of work in order to enable the teaching staff to effectively engage in research, teaching, methodological and educational work.

Teaching staff use innovations and information technologies in the educational process (business and role-playing games, trainings, debates, round tables, seminars, brainstorming, master classes, video lectures, creative learning), etc. The classrooms of the department are equipped with interactive multimedia projection equipment. Classes are conducted using presentations and video materials. The teaching staff of the department constantly replenishes the fund of electronic teaching aids.

The departments are working on organizing methodological seminars to study the best pedagogical experience in the field of innovation, the study of innovative technologies in the relevant branches of science and production. Selection of the most appropriate teaching methods for use in the educational process, taking into account the specifics of the specialty and the disciplines taught.

The advanced training plan includes mutual attendance of classes, short-term advanced training courses, attendance at various seminars, internships at leading universities in Kazakhstan, near and far abroad, as well as in relevant organizations. The purpose of advanced training of teaching staff is to update theoretical and practical knowledge, gain new knowledge on modern and promising learning technologies, etc.

The scientific and pedagogical activity of the teaching staff of the department does not go unnoticed and most of the teachers are encouraged at the level of the city akimat, the university, the Forestry and Wildlife Committee. So in 2018, on the 70th anniversary of the Faculty of Forestry, a number of scientists of the department were awarded departmental medals of various degrees: Bayzakov S.B., Kentbaev E.Zh., Kentbaeva B.A., Abaeva K.T., Shabalina M.V. , Kozhabekova A.Zh. In 2020, two professors of the department Baizakov S.B. and Kentbaev E.Zh. were awarded the highest title in the forest industry "Honored Arborist".

Three teachers of the department are the holders of the grant "The best teacher of the university" Kentbaev E.Zh., Abaeva K.T., Kentbaeva B.A.

Teaching staff take an active part in the life of society through publications in the media, speeches on television about the prospects for the development of the industry and science. Events (round tables, seminars with the participation of employers and administration, foreign business partners) held at the level of the department, faculty to discuss the EP are regularly covered on Facebook pages and on the university website.

Analytical part

Based on the results of the analysis of the "Teaching staff" standard, the EEC notes the existence of an objective personnel policy, the staffing of educational programs being implemented by qualified specialists, the compliance of the personnel potential of teaching staff with the strategy of the university and the specifics of the EP.

During a visit to the interviewing department of the teaching staff, it was found that the university provides opportunities for career growth and professional development of the teaching staff of the EP.

Teachers participating in the implementation of accredited EPs take an active part in various public, scientific, methodological and research, cultural and other events of the region and the Republic.

EEC members note that the availability of academic mobility of teaching staff within the framework of the EP will improve the quality of educational services provided, provide an opportunity for young teachers to gain scientific experience in leading foreign universities and universities of the Republic of Kazakhstan. However, the management of the EP did not provide information on outgoing academic mobility of teaching staff.

According to the results of the survey of teaching staff, accredited EPs are evaluated as “very good” and “good”: the involvement of teaching staff in the process of making managerial and strategic decisions is 94.9%; encouragement of innovative activity of teaching staff - 94.8%; providing opportunities for continuous development of the capacity of the teaching staff - 97.4%. They express complete satisfaction with: participation in making managerial decisions - 71.8%; activities of the university administration - 76.9%; terms of remuneration - 61.5%; work on academic mobility - 51.3%.

Strengths/best practice:

- the personnel policy ensures the staffing of the implemented educational programs with qualified specialists and its compliance with the strategy of the university and the specifics of the EP;
- The teaching staff of the EP are provided with the opportunity for career growth and professional development.

EEC recommendations for EP:

- in accordance with the University Development Program for 2020-2024. to provide indicative indicators of teaching staff for participation in the programs "Outgoing external and internal academic mobility" in the development plans of the EP.

Conclusions of the EEC according to the criteria:

According to the standard « Teaching Staff » educational programs have 2 strong, 10 satisfactory positions.

6.8. Standard "Education Resources and Student Support Systems"

The evidentiary part

The University has all the necessary educational and material assets to achieve the goals and objectives set before it. The buildings and facilities of the University comply with the current sanitary standards and fire safety requirements. The areas owned by the University - classroom and laboratory bases, classrooms, workshops and other premises, sports facilities comply with the established norms and rules. The university has a modern social infrastructure. Buffets and a canteen work in the educational buildings. Nonresident students are provided with a hostel.

There are 12 student dormitories, in which 7085 students live, including 82 students of EP 6B08301, 7M08301 - Hunting and fur farming. The medical center "Amina" operates on the territory of the university.

The department occupies an area of 522.9 m², has 13 classrooms and classrooms, of which: 2 - lecture rooms, 4 - for practical exercises, 2 laboratories, 1 - computer class, 4 - teaching rooms.

The university has a broadband connection to the Internet via a fiber optic line. Network access is provided from 80% of computers involved in the educational process and about 70% of computers used in the administration of educational activities. In addition, all student houses have an Internet connection in every room, student house No. 6 is covered by a wireless Wi-Fi network. A WiFi network has been deployed in all educational buildings.

The necessary conditions for living have been created in each student house, the staff of the department for coordinating the work of the hostel conducts various cultural, mass, sports events, competitions. For students with disabilities there are elevators, a ramp. Each student house has an equipped gym.

The University has a department of security, accounting and civil defense. Public order and the safety of the material base are ensured by the security service of the University. Services and departments of the administrative and economic part of the University carry out technical operation, repair of buildings, ensure compliance with mandatory rules and safety standards. All devices in cases are checked for grounding and measurement of insulation resistance of electrical wires and cables.

The Department of "Forest Resources and Game Management" assigned 1 specialized computer class.

The implementation of accredited EPs is significantly affected by funding, which is produced annually. Expenses are made in accordance with the structure of expenses approved in the regulations adopted by the authorized body in the field of education. When distributing material resources, the university takes into account the needs of the department.

Departments, computer classes are provided with access to the Internet and the local network of the University. The bandwidth of the Internet network is 100 Mbps.

The Scientific Library of the University is located in a separate building with an area of 4295 m², where there are 5 distribution points, 1 subscription and 5 reading rooms.

The provision of disciplines of the curriculum of the EP is carried out by completing the fund of the scientific library with resources, both on printed and electronic media, as well as providing access to remote full-text databases, own and foreign electronic libraries in the profile of the faculty.

The scientific library is actively introducing the latest innovative technologies using modern technology to automate library and bibliographic processes. The automated library and information system "KABIS" complies with international standards.

The library has a traditional and electronic catalog (EC), which reflects all scientific and educational literature in the state, Russian and foreign languages, there are all dissertations and abstracts, a fund of rare publications.

The electronic catalog forms the databases "Main Fund", "Retrofund", "Card Index of Articles", "Electronic Library" - ensures full satisfaction of the needs of students and faculty in modern information and educational resources, the provision of full-text databases of their own resources and the safety of the library fund. The volume of the electronic catalog is 463506 records and full texts.

The book fund of the library is 1071481 copies. books / 139428 titles, including Kazakh language - 700075 copies, in Russian - 237800 copies, in in. language - 133606 copies. The growth dynamics of the library fund by types of literature is presented in Table 8.

In the structure of the book fund, the largest share is educational literature - 55%, educational literature - 8.2%, scientific literature accounts for 21.4%, fiction - 3%. The share of foreign literature is -12.4%.

Table 8 - Growth dynamics of the library fund by types of literature

Type of literature	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020
General fund, total	930168	985181	1039518	1030016	1049115
Including:	635608	662160	696636	682426	699400
in Kazakh					
in Russian	217720	238527	247428	212838	214684
in a foreign language	76840	84494	95454	134752	135031
Educational and educational-methodical literature	651275	695033	738607	807757	823765
Scientific literature	272478	282728	294083	215398	216827

additional literature	211	232	247	247	1878
Electronic textbooks	6204	7178	6581	6614	6645

The main page of the Scientific Library (<http://library.kaznau.kz>) contains information about the sections of the site "About the library", "News", "Electronic catalog", "Electronic library".

Cooperation agreements have been concluded with the National Academic Library of the Republic of Kazakhstan on the creation of the Kazakhstan Scientific Electronic Library (KazNEB), the Kazakh National Technical University named after K.I. Satpayev (KazNTU), the Republican Library for the Blind and Visually Impaired Citizens of the Republic of Kazakhstan.

The Scientific Library is part of the "Republican Interuniversity Electronic Library" - a reference and search system of universities of the Republic of Kazakhstan, representing a single complex of educational and information resources of the Republic of Kazakhstan. Through the RMEB, access is provided to 75605 electronic full-text textbooks and articles of universities in Kazakhstan, of which 2335 are electronic documents of the scientific library.

The scientific library is in constant cooperation with the National Center for Scientific and Technical Information. In accordance with the agreement signed with the support of the Ministry of Education and Science of the Republic of Kazakhstan, all Kazakhstani educational and scientific organizations were granted free access to the resources of full-text databases from far abroad - these are ClarivateAnalytics, Scopus, SpringerLink, Elsevier on the ScienceDirect platform, and access to the ELS "Lan", the World Digital Library, the Rolpred.com database was also provided.

An agreement was signed on the exchange of information and the joint formation and use of the national library fund of electronic documents of the "Kazakhstan National Electronic Library", the National Academic Library of the Republic of Kazakhstan. Students and teachers of the university have the opportunity to search for materials thematically, familiarize themselves with the existing world and scientific and information resources in order to select the most appropriate information for their study program.

The university website (<http://lib.kaznau.kz/>) has an electronic version of the scientific journal "Research, Results", which is included in the list of publications of the KOKSON MES RK. Educational materials, software, educational literature and additional resources are available at [http:// library.kaznau.kz/new/?page_id=20&lang=ru.](http://library.kaznau.kz/new/?page_id=20&lang=ru.), for all students through the electronic library <http://library.kaznau.kz/new/>, including after school hours.

For each student, individual access to a personal database is provided, for this purpose a login and password are assigned. The PLATONUS system allows you to ensure the confidentiality of the information provided and personal access.

To conduct an examination of independent work performed by students, incl. graduation projects, master's and doctoral dissertations, the use of the Anti-plagiarism program is provided.

At the University, students are provided with the necessary academic support and advice.

Each group is assigned a curator. An employee from among the teaching staff of the graduating departments is appointed as the curator of the student group. The appointment and dismissal of the duties of the curator is carried out by order of the dean of the faculty, on the proposal of the head of the department. The work of the curator in the student group is an integral part of pedagogical activity and is included in the individual work plan of the teacher for the academic year.

Supervision over the work of the curator is carried out by the head of the department, senior curator. The work of curators at the faculty is coordinated by the deputy dean for educational work.

In its activities, the curator of the academic group is guided by the Law of the Republic of Kazakhstan "On Education", the State Program for the Development of Education and Science of the Republic of Kazakhstan for 2016-2019, the Concept of Education in the System of Continuous Education of the Republic of Kazakhstan, internal labor regulations, orders and

orders of the Vice-Rector for Social and cultural development of the University and the present situation.

The duties of the curator of the academic group include:

Introduces students to the organization of the educational process at the university, the main internal university documents, informs students about new orders, orders.

Contributes to the adaptation of students to the system of higher education, promotes the involvement of students in research, cultural and mass sports work.

It monitors the attendance of students in a group of academic studies, current and semester progress, analyzes the reasons for the backlog of individual students and contributes to their elimination. Visits students living in a private apartment at least 2 times a year, and more often if necessary.

Takes measures to resolve disputes and conflict situations, contributes to the establishment of friendly relations between teachers and students of the University.

Directs efforts to create an organized close-knit team in the group, create a favorable socio-psychological climate, is working to form an asset of the academic group.

Plans educational activities, regularly maintains documentation, draws up and provides reports on its results, informs the head of the department and the dean's office about the situation in the academic group.

Along with the curator, an adviser of the academic group is appointed in the first year and supervises them throughout the entire period of study.

Advisor - a teacher of the graduating department, acting as an academic mentor for the student in the relevant EP, assisting in choosing a learning path, forming an individual curriculum and mastering the educational program during the period of study.

The responsibilities of an adviser include:

Checking the compliance of the choice of students with normative documents and the Rules and Regulations of the university.

Determining the compliance of prerequisites for studying the selected module;

Approval of changes for selected modules.

In addition to the appointed obligations of meetings with the advisor, students, if necessary, can contact him at any time of the academic year, since the duty of the advisor is to assist in resolving all issues of an academic nature. The advisor controls the availability of modules and supervises students when choosing modules for their specialization in senior courses.

Advising is included in the workload of teachers in the form of 1.5 credits per semester, while curating is a social workload. In this connection, as a rule, advisory and curatorship is performed by the same teacher.

The dean, deputy deans and teachers of the graduating department provide advisory support to students.

The department supports each student of the OP at all stages of his education and personal growth.

The work of the curator in the academic group is an integral part of the scientific and pedagogical activity and is included in the individual work plan of the teacher for the academic year.

Thus, the existing material and technical base provides lectures, seminars and practical classes. The necessary resources are easily accessible to all students and teachers. The educational area used in the educational process is sufficient, the resources involved create a solid foundation for the high-quality implementation of accredited EPs. Work is carried out with students outside the classroom for their progress in learning, providing conditions for their personal development and key competencies specified in the EP. Employees of student support services are distinguished by professionalism and a desire to provide students of all levels with the necessary educational resources.

Analytical part

As a result of a visual inspection of the facilities of the material base, the members of the EEC note that in order to ensure the educational process of accredited educational programs, the university has all the necessary educational and material assets. The buildings and facilities of the university comply with the current sanitary standards and fire safety requirements.

As a result of the analysis of the activities of the accredited EPs according to this standard, it can be concluded that an assessment was made of the completeness and availability of the material, technical and information resources specified by the OP. There is a dynamics of resources and the learning environment, library support for the educational process, the activities aimed at improving the resource support for the implementation of the EP are highlighted.

In the specialized laboratories of the practice bases, equipment and software used in the development of the EP have been installed.

When inspecting the slaughterhouses, interviewing teaching staff and employers, an opinion was expressed about the need to strengthen the material and technical support of the EP in terms of purchasing laboratory equipment and specialized software.

There is a fairly good level of information support for educational and scientific-educational activities with access to full-text electronic resources of educational and scientific value, which satisfies the needs of students and teaching staff.

Diploma works, master's and doctoral dissertations are checked for plagiarism. At the same time, EEC members note that it is necessary to provide for the possibility of developing the infrastructure of the university, taking into account the needs of students with disabilities.

Strengths/best practice:

- strengths are not identified by the members of the EEC.

EEC recommendations for EP:

plan for staffing specialized laboratories with modern equipment and software, similar to those used in industries according to the profile of accredited EPs;

- the leadership of the university to include in the University Development Program a clause on improving the infrastructure of the university, taking into account the special needs of students (ramps, paths for the visually impaired, etc.) by the beginning of the 2021-2022 academic year.

Conclusions of the EEC according to the criteria:

According to the standard «Education Resources and Student Support Systems» educational programs have 10 satisfactory positions.

6.9. Standard " Public Information"

The evidentiary part

The University is constantly working to ensure the collection, analysis and dissemination of basic information for the effective management of study programs and other activities. Provided with information space, media coverage of all activities of the University, the results achieved.

The means of supporting the educational process and the channel for the exchange of information are the web resources of the University. The official information posted on the websites relates to the main areas of activity of the University and is intended for both external and internal use.

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

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=akkreditteu_879&lang=ru organizations; presented certificates of compliance with the requirements of the international standard.

The University provided information on the implemented EPs on the website indicating the expected learning outcomes.

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.

All information supervised by the Department for Research and Innovation is placed in a specially created section "Science", where subsections such as "Research Activities", "Scientific Journal Research, Results", "Dissertation Council", "Council of Young Scientists", "Conferences" are active. " etc.

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/>), V Kontakte (<https://vk.com/kaznau1929>) twitter (https://twitter.com/kaznau_universi).

Information posted on the official website of the University, as well as on faculty pages, is used in the preparation of information booklets about the University and in the admission campaign, in cooperation with partners and employers.

Audited financial statements have been published on the official website of the University.

The leadership of the University, the teaching staff of the department speak on central and local television, in newspapers and magazines, in the media on topical issues of economics, management and the role of the university in solving these problems. For these purposes, the resources and capabilities of the Media Department are used.

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>)

At the University, in all its structural divisions, at the Department of Management and Organization of Agribusiness, an open dialogue is constantly maintained with suppliers and consumers of educational services. All information about the activities of the University and the department, about the conditions for admission, training, and development opportunities is available to the public through the University website. In addition, the teaching staff of the University and its employees systematically appear in the media, bringing the results of their activities to the public and stakeholders.

Thus, at the University, in all its structural divisions, at the departments of Forest Resources and Game Science, an open dialogue is maintained on an ongoing basis with suppliers and consumers of educational services. All information about the activities of the University and the department, about the conditions for admission, training, and development opportunities is available to the public through the University website. In addition, the teaching staff of the University and its employees systematically appear in the media, bringing the results of their activities to the public and stakeholders.

Analytical part

EEC notes that in the field of information dissemination policy, KazNAU demonstrates a policy of transparency, openness, involvement in informing the public of applicants, employers, participants in the educational process and all interested parties, continuous development and adaptability to the changing realities of society. The management of the EP uses the media and social networks to disseminate information. The website publishes information about the activities of the university, financial statements. The university, accredited educational programs take part in national and international rankings.

Based on the analysis of the information presented on the website, the EEC notes that the results of the university's activities are not reflected in full. In connection with the creation of a national register of educational programs, experts note the need to supplement the website with objective information about changes in the EP, provide information on learning outcomes, compliance of the EP with the National Qualifications System, on assessment procedures and training opportunities provided to students, on teaching staff (courses taught, publications, their scientific interests).

According to the results of the survey, students are “fully satisfied” with the availability of library resources - 84.3%;

- the usefulness of the website of the university of education in general and faculties in particular - 84.3%;

- informing about courses, educational programs and academic degrees - 81.9%.

Strengths/best practice:

- strengths are not identified by the members of the EEC.

EEC recommendations for EP:

- the responsible structural unit on the website of the University in a timely and systematic manner to ensure the completion of the "Alumni/Vacancies" tab, as well as include the "Partners/Alumni Resume" tab with regular data updates;

- to inform all interested parties, supplement and regularly update information on the web page of the department about changes in the EP, about learning outcomes, about assessment procedures and learning opportunities provided to students, etc.;

- to inform the public about the availability of professional personnel within the framework of the accredited EP, namely about the teaching staff implementing the EP (taking into account general educational modules), regularly update the personal data of the teaching staff in the context of the EP on the department's web page, with the inclusion of complete and objective up-to-date information in the data.

Conclusions of the EEC according to the criteria:

According to the standard «Public Information», educational programs have 11 satisfactory and 2 positions suggesting improvement.

6.10. Standard "Standards in the context of individual specialties"

The evidentiary part

Accredited educational programs are developed in accordance with the rules for the development and approval of educational programs adopted at the University.

The content of the EP is focused on the formation of both professional and personal competencies of students. Through mastering the EP, graduates acquire the necessary competencies.

The educational process for accredited bachelor's, master's and doctoral programs is carried out by annual updating of educational and methodological materials, updating topics and theses and master's and doctoral dissertations, as well as the introduction of new elective

disciplines, taking into account the recommendations of employers. Students have access to all library resources, which are updated and replenished annually.

The EP reflects the regulatory requirements for the professional practice of students. The main modules are developed on the basis of an analysis of market needs, trends in the development of world science, and the experience of implementing similar educational programs in leading foreign universities. OPs are updated annually, taking into account modern trends in the development of science, society, economic, political and social processes. The content of the disciplines is updated, new modules and courses are included that help maintain the relevance of the acquired knowledge, skills and abilities.

All disciplines are provided with up-to-date educational and methodological materials - multimedia presentations, video content, assignments for independent work of an innovative nature.

The department conducts regular evaluation and review of the program with the participation of students, staff, partners and employers based on the systematic collection, analysis and management of information, as a result of which programs are adapted to ensure their relevance.

The department maintains feedback with consumers of educational services to improve the EP - it monitors the employment of graduates, conducts a survey of students and graduates about the level of satisfaction with the education received, conducts a survey of employers about the quality of training of graduates of the educational program.

To improve and adjust the EP, the department conducts joint scientific and educational-methodical conferences and seminars to exchange experience with foreign scientists, maintains contact with foreign scientific consultants of students, offering to review the quality of their training, and also directly attracts foreign partners to conduct an examination of educational programs.

The content of educational programs is focused on credit technology of education and includes innovative (distance, interactive, etc.) forms of education, take into account the interests of various categories of students, includes inclusive education. The University effectively manages information based on continuous monitoring, collection, analysis and use of the information received.

Distinctive characteristics of accredited EPs are as follows:

Interdisciplinary orientation - the curriculum is formed from disciplines that synthesize modern scientific achievements;

Practice orientation. The passage of educational, industrial, undergraduate, research, pedagogical practice allows you to validate the content of training, to test the demand for knowledge and core competencies of students. During the practice, important contacts are also established for the further start of professional activity after graduation.

Orientation to the deepening of research within the curriculum, which is expressed in the introduction of relevant disciplines into the curriculum, the involvement of students in research work. Thus, a connection is realized between theoretical knowledge and practical skills in conducting research, which ultimately determines the professional competence of graduates.

Strengthening the applied aspects of education, focused mainly on the development of research, expert and managerial competencies.

The program is designed taking into account the requirements of the Bologna process, the learning outcomes are expressed through competencies and are designed on the basis of the Dublin descriptors. In the implementation of the EP, a systematic approach to its management is carried out, which ensures continuous improvement in the quality of educational services in accordance with the requirements of employers who take part in shaping the content of the EP.

The use of a competency-based approach in assessing educational results makes it possible for graduates to develop the ability to successfully socialize in employment and in their future work. The implementation of the EP involves a systematic approach to defining its goals, assessing the conditions for their achievement, analyzing the implemented activities and finding

new ways for dynamic development. Constant monitoring of educational results, their comprehensive assessment provide a basis for the timely improvement of EP management methods as a whole.

At enterprises, bases of practice, the management of the EP organizes and conducts various types of practices: educational, industrial, undergraduate, research. All types of practices are carried out in accordance with the standard curriculum, according to the academic calendar and are methodically provided.

In order to strengthen practice-oriented training in the EP, dual training is being introduced - at enterprises. Invited employees from industries also take part in the implementation of the EP "Forest Resources and Forestry", for example, for a long time the director of the Almaty branch of KazNIILKhA LLP, Doctor of Agricultural Sciences, associate professor Mambetov B.T.

To conduct professional practices, agreements have been concluded between the department and enterprises, which define the rights and obligations of the department, the base enterprise and students. At a special department, methodological instructions for the performance of work during the period of internship, training and work programs have been developed. After completing the practice at reporting conferences, students defend a report on all types of practices.

The University annually organizes and conducts job fairs. As a result of such preliminary work, students get an idea about the labor market, existing vacancies and the requirements for them even before graduation.

The organization of educational activities in the context of the accredited EP is aimed at obtaining by students specific skills and competencies that are in demand on the labor market. All EP disciplines are aimed at the formation of certain competencies that allow achieving the goals of the program, the planned learning outcomes. Teaching within the framework of the program is based on modern achievements of world science and practice in the field of specialization, as well as using modern and advanced teaching methods.

Analytical part

Based on the results of the analysis carried out according to the standard "Standards in the context of individual specialties", the members of the EEC note that the organization of the educational process for accredited EPs is carried out on the basis of a combination of education, science and practice.

A visit to the dean's office, graduating departments, laboratories, special classrooms confirms that the leadership of the EP provides for the possibility of preparing students using modern pedagogical and information technologies: interactive teaching methods, software products, multimedia presentation of lectures, consideration of situational tasks, non-standard (creative) solutions to problems, business games, etc.

When interviewing employers, an opinion was expressed about the need to strengthen the material and technical support of the EP in terms of purchasing laboratory equipment and specialized software.

Practical and scientific orientation takes place in the content of the planned disciplines, in practice programs. Information was presented and confirmed on the internship in the workplace, on the involvement of practitioners in conducting classes.

The EEC states that the department employs teachers who have work experience in enterprises in the field of EP specialization, as well as foreign scientists. This information was also confirmed during the meeting with the PPP.

Strengths/best practice:

- strengths are not identified by the members of the EEC.

EEC recommendations for EP:

- the leaders of the EP to form a procurement plan and purchase specialized software to enhance the practical training of graduates in the field of specialization, taking into account the requirements of potential employers - leading organizations in the industry.

EEC conclusions by criteria:

According to the standard "Standards in the context of individual specialties" educational programs have 5 satisfactory positions.



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

Standard " Management of Educational Program "

- strengths are not identified by the members of the EEC.

Standard " Information Management and Reporting "

- strengths are not identified by the members of the EEC.

Standard " Development and approval of the Educational Programme "

- commissions of educational programs have been created, which include teaching staff, employers, students, issues of design, development and approval of EP and other issues of the educational process are discussed at meetings;
- for each EP, the head of the EP was appointed and working groups were formed by specialties to develop the EP, determine the profile and model of the graduate;
- most of the practices are carried out on the territory of enterprises with subsequent employment of graduates.

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

- strengths are not identified by the members of the EEC.

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

- strengths are not identified by the members of the EEC.

Standard " Students"

- conditions have been created at the university to provide students with internships, assist in the employment of graduates, and maintain contact with them;
- availability of mechanisms to ensure the adaptation and support of students entering the first year and foreign citizens.

Standard " Teaching Staff "

- the personnel policy ensures the staffing of the implemented educational programs with qualified specialists and its compliance with the strategy of the university and the specifics of the EP;
- The teaching staff of the EP are provided with the opportunity for career growth and professional development.

Standard " Education Resources and Student Support Systems "

- strengths are not identified by the members of the EEC.

Standard " Public Information "

- strengths are not identified by the members of the EEC.

Standard " Standards in the context of individual specialties"

- strengths are not identified by the members of the EEC.

(VIII) OVERVIEW OF RECOMMENDATIONS ON QUALITY IMPROVEMENT

Standard "Management of Educational Program"

- the management of the EP to review and approve the structure of the EP development plans with the inclusion in the plans of measurable target indicators of strategic planning in the context of training levels and time intervals for implementation, indicating responsible persons;
- in accordance with the University Development Program for 2020-2024. include a section in the Development Plans of accredited EPs with the assessment and management of possible risks in the implementation of accredited EPs, indicating the possible consequences in case of failure to take and (or) timely response measures, as well as a description of risk management mechanisms and measures;
- in the EP in the 2021-22 academic year, it is necessary to provide for individual student learning trajectories focused on national priority projects and programs;
- the management of the EP in the self-assessment documents should reflect the description of the progress achieved in the implementation of the recommendations received as a result of the previous accreditation procedure, taking into account the results of the interim post-monitoring reports.

Standard "Information Management and Reporting"

- not available according to this standard.

Standard "Development and approval of the Educational Programme "

- in the 2021-22 academic year, the leadership of the EP is recommended to introduce modules into the discipline programs to prepare the student for professional certification.
- to the management of the EP in the development plans of the EP, include a clause aimed at developing professional cooperation with Kazakhstani and foreign educational organizations for accredited EPs in order to harmonize modules and develop joint EPs, start implementing joint educational programs by 2023.

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

- he leaders of the EP are recommended to ensure the publication in external sources of information, and on the website of the university, about all the changes and actions taken in relation to the EP with an annual update and notification of all interested parties..

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

- the leadership of the EP to include in the development plans an item on the development and implementation of the teaching staff's own research in the field of teaching methods of academic disciplines in the educational process. And to ensure the passage of advanced training of teaching staff in this area until the 2021-2022 academic year.

Standard "Students"

- in accordance with the University Development Program for 2020-2024. the leadership of the EP, starting from the 2021-2022 academic year. include indicative indicators in the EP development plan and implement the items "Participation of students in the program of incoming and outgoing, external and internal academic mobility", and "Organization of additional formal and non-formal education";
- the management of the university to take measures to improve the performance of the "Alumni Association", namely, to start implementing the association's work plan, informing the activities of the association through all possible informative sources, to position successful graduates;
- to intensify work to ensure the contingent of students of OP 7M08301 Hunting and fur

farming.

Standard "Teaching Staff"

in accordance with the University Development Program for 2020-2024. to provide indicative indicators of teaching staff for participation in the programs "Outgoing external and internal academic mobility" in the development plans of the EP.

Standard "Education Resources and Student Support Systems"

- the management of the EP to develop a long-term plan for staffing specialized laboratories with modern equipment and software, similar to those used in industries according to the profile of accredited EPs;
- the leadership of the university to include in the University Development Program a clause on improving the infrastructure of the university, taking into account the special needs of students (ramps, paths for the visually impaired, etc.) by the beginning of the 2021-2022 academic year.

Standard "Public Information"

- the responsible structural unit on the website of the University in a timely and systematic manner to ensure the completion of the "Alumni/Vacancies" tab, as well as include the "Partners/Alumni Resume" tab with regular data updates;
- to inform all interested parties, supplement and regularly update information on the web page of the department about changes in the EP, about learning outcomes, about assessment procedures and learning opportunities provided to students, etc.;
- to inform the public about the availability of professional personnel within the framework of accredited EPs, namely about teaching staff implementing EPs (taking into account general educational modules), regularly update the personal data of teaching staff in the context of EPs on the web page of the department, with the inclusion of complete and objective up-to-date information in the data.

Standard "Standards in the context of individual specialties"

- the leaders of the EP to form a procurement plan and purchase specialized software to enhance the practical training of graduates in the field of specialization, taking into account the requirements of potential employers - leading organizations in the industry.

Appendix 1. Evaluation table "Conclusion of the external expert commission" (6B08302 Forest resources and forestry; 7M08302 Forest resources and forestry; 8D08302 Forest resources and forestry; 6B08301 Hunting and fur farming; 7M08301 Hunting and fur farming)

№	№	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 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.		+		
14	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				14	3	
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 should establish the frequency, forms and methods for assessing the management of the EP, the activities of collegial bodies and structural divisions, top management, and the implementation of scientific projects.		+		
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.	academic performance, student achievement and dropout;		+		
30	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 providing all the necessary information in the relevant fields of science.		+		
Total by standard				17		
Standard " Development and approval of the Educational Programme "						
35	1.	The university must determine 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 at the end of the EP must be clearly defined, explained and correspond to a certain level of NQF.		+		
40	6.	The EP management 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	9	2	
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;		+		
50	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 OP. All changes made to the OP 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				9	1	
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				10		
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 internship places, promote the employment of graduates, and 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			2	9	1	
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 favorable working conditions for them.		+		
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 framework of 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			2	10		
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 should 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	9.	The university must ensure compliance with safety requirements in the learning process.		+		
100	10	The university should strive to take into account the needs of various groups of students in the context of the EP (adults, working, foreign students, as well as students with disabilities).		+		
Total by standard				10		
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.		+		
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 framework of 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				11	2	
Standard " Standards in the context of individual specialties"						
AGRICULTURAL SCIENCES						
		<i>Educational programs in the direction of "Agricultural Sciences", for example, such as "Agronomy", 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				5		
TOTAL			5	104	9	