



«АККРЕДИТЕУ ЖӘНЕ РЕЙТИНГТИҢ
ТӘУЕЛСІЗ АГЕНТТІГІ» КЕМ

НУ «НЕЗАВИСИМОЕ АГЕНТСТВО
АККРЕДИТАЦИИ И РЕЙТИНГА»

INDEPENDENT AGENCY FOR
ACCREDITATION AND RATING

REPORT
on the results of the work of the external expert evaluation
committee
for compliance with the requirements of standards of
specialized accreditation of educational programs

**5B081000 - MELIORATION, RECULTIVATION AND PROTECTION OF
LANDS**

**6M081000 - MELIORATION, RECULTIVATION AND PROTECTION OF
LANDS**

**6D081000 - MELIORATION, RECULTIVATION AND PROTECTION OF
LANDS**

5B080500 - WATER RESOURCES AND WATER USE

6M080500 - WATER RESOURCES AND WATER USE

**KYZYLORDA STATE UNIVERSITY NAMED AFTER KORKYAT
ATA**

SITE VISIT DATES: from February 19 to February 22, 2019

INDEPENDENT AGENCY FOR ACCREDITATION AND RATING

External expert committee

Addressed to
Accreditation
Council to the IAAR

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in the period from February 19 to February 22, 2019

Kyzylorda, 2019

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(I) SYMBOLS AND ABBREVIATIONS

Korkyt Ata KSU - Korkyt Ata Kyzylorda State University
ATS - Academic teaching staff
EP - Educational program
AC - Academic Council;
BD - Basic Disciplines;
SAK - State Attestation Commission;
SCES - State Compulsory Educational Standard;
DL - Distance Learning;
DET - Distance Education Technologies;
UNT - United National Testing;
ICT - Information and communication technologies;
ATI - Advanced Training Institute;
IWC - Individual working curriculum;
QED - Catalogue of elective disciplines;
IL - Interlibrary loan;
MEP - Modular educational program;
RI - Research Institute;
SRW - Scientific research work;
NIS - Nazarbayev Intellectual School
SRWS - Scientific research work of student
GD - General disciplines;
PD - Profile disciplines;
PC - Personal Computer;
WC - Working curriculum;
DLS - Distance learning system;
MM - Mass media;
QMS - Quality Management System;
SGS - Secondary general school;
IWS - Individual work of student;
IWM - Individual work of master's student;
IWL - Individual work of learner;
IWST - Individual work of student with teacher;
IWMT - Individual work of master's student with a teacher;
STC - Standard curriculum;
TMC - Teaching and methodical complex;
EMW - Educational and methodical work;
CE - Center of excellence;
GPA - Grade Point Average (this is the average arithmetic of the grades for all courses got in reference with the time spent);
ECTS - European Credit Transfer and Accumulation System
OSCE - Organization for Security and Co-operation in Europe;
RSE - Republican State Enterprise;
UDEC - United Directorate of enterprises under construction;
ED IFSA - Executive Directorate of the International Fund for Saving the Aral Sea.

(II) INTRODUCTION

In accordance with the order No. 12-19-OD of January 29, 2019, the Independent Agency for Accreditation and Rating (IAAR), from February 19 to February 22, 2019, an external expert committee (EEC) assessed compliance of educational programs 5B081000, 6M081000 and 6D081000 - "Land reclamation, recultivation and protection of land", 5B080500 and 6M080500 - "Water resources and water use" of the Korkyt Ata Kyzylorda State University to standards of specialized accreditation of the IAAR (No. 10-17-OD dated February 24, 2017, fifth edition).

The report of the external expert commission contains the compliance activities of Kyzylorda State University named after Korkyt Ata in the framework of specialized accreditation criteria of the IAAR, recommendations of the external expert commission to further improve the parameters of the specialized profile.

The composition of the EEC:

1. The chairman of the commission is Stibaev Gani Zhasymbekovich, Ph.D., professor, Kazakh Agrotechnical University. S.Seifullin (Astana);
2. Foreign expert - Simaeva Irina Nikolaevna, doctor of pedagogical sciences, professor, I. Kant Baltic Federal University, expert of the "Guild of experts in the field of vocational education" (Kaliningrad, Russian Federation);
3. Foreign expert - Prof. Dr. Astrid Beck, Esslingen University of Applied Sciences (Hochschule Esslingen), ACQUIN expert (Esslingen am Neckar, Germany);
4. Expert - Isakhova Parida Bakirovna, Doctor of Economics, Professor, Almaty Management University (Almaty);
5. Expert - Bakhyt Sharipov, Doctor of Pedagogical Sciences, Candidate of Technical Sciences, Professor, International University of Information Technologies (Almaty);
6. Expert - Madiyeva Galiya Bayanzhanovna, Candidate of Pedagogical Sciences, Associate Professor, Kazakh National University. Al-Farabi (Almaty);
7. Expert - Abenova Elena Anatolyevna, Candidate of Pedagogical Sciences, Associate Professor, University Narchosis (Almaty);
8. Expert - Safarov Ruslan Zairovich, Candidate of Chemical Sciences, Eurasian National University. L.N. Gumilyov (Astana);
9. Expert - Mutallyapova Shynar Eleusizovna, Ph.D., associate professor, Kazakh Agrotechnical University. S.Seifullin (Astana);
10. Expert - Zharkenova Svetlana Bakhytovna, Ph.D., Associate Professor, Eurasian National University. L.N. Gumilyov (Astana);
11. Expert - Aldungarova Aliya Kairatovna, PhD, Associate Professor, S. Toraigyrov Pavlodar State University (Pavlodar);
12. Expert - Kalshbekova Elmira Nurlybayevna, Ph.D., Associate Professor, South Kazakhstan State University. M.Auezov (Shymkent);
13. Expert - Kaska Koyanbayevich Duskaev, Ph.D., associate professor, Kazakh National University. Al-Farabi (Almaty);
14. Expert - Nurabayev Daulen Myrzaevich, Ph.D., Associate Professor, Taraz State University named after M.Kh.Dulati (Taraz);
15. Employer - Mishukova Natalya Valentinovna, Head of Kindergarten Syr Balazhan LLP, Director of the Kyzylorda Oblast Branch of the Kazakhstan Association of Pre-School Organizations, Member of the Council on the Protection of the Rights of Entrepreneurs at the NPT Atameken (Kyzylorda);
16. The employer is Bolat Zholtayevich Nurkozhaev, a member of the Council for the Protection of the Rights of Entrepreneurs and the Fight against Corruption of the RPP Kyzylorda (Kyzylorda);

17. Student - Serikuzy Aruzhan, member of the Alliance of Students of Kazakhstan of Kyzylorda region, 3rd year student of the "5B050600-Economics" EP, Humanitarian-Technical Institute "Akmeshit" (Kyzylorda);

18. Student - Mukhanbetia Sagynysh Makhsatkyzy, member of the Alliance of Students of Kazakhstan of Kyzylorda region, 3-year student of the EP "5B090500-Social Work", Humanitarian-Technical Institute "Akmeshit" (Kyzylorda);

19. Student - Amantai Baqbergen Bauyrzhanuly, a member of the Alliance of Students of Kazakhstan of Kyzylorda Region, 3-year student of the special education program "5B070400-Computing Equipment and Software", Humanitarian-Technical Institute "Akmeshit" (Kyzylorda);

20. Student - Ənuarbek Nursultan, member of the Alliance of Students of Kazakhstan of Kyzylorda region, 3-year student of the EP "5B010800-Physical Culture and Sports", University of Bolashak (Kyzylorda);

21. Student - Pirnazar Gulzat, member of the Alliance of Students of Kazakhstan of Kyzylorda Region, 2nd year student of the EP "5V011300-Biology", University of Bolashak (Kyzylorda);

22. Student - Yerlen Erasyl Talgatuly, a member of the Alliance of Students of Kazakhstan of Kyzylorda region, a student of the 1st course of the EP "5B072900-Construction", University "Bolashak" (Kyzylorda);

23. Student - Zhunisov Nursultan Kayratuly, 3-year student of the specialty Agronomy, Kyzylorda Agrarian-Technical Higher College. I. Abdugarimov (Kyzylorda);

24. Observer for the Agency - Timur Kanapyanov, doctor PhD, head of international projects and public relations of the IAAR (Astana). (Iii)

(III) REPRESENTATION OF THE ORGANIZATION OF EDUCATION

Republican state enterprise on the right of economic management "Korkyt Ata Kyzylorda State University, formed by merging Kyzylorda Humanitarian University named after Korkyt Ata and Kyzylorda Polytechnic Institute named after I. Zhakhayev (Resolution of the Government of the Republic of Kazakhstan No. 256 of March 24, 1998) is one of the oldest educational institutions of the Republic of Kazakhstan.

Kyzylorda Humanitarian University named after Korkyt Ata was founded in 1937 on the basis of the Far Eastern Korean Pedagogical Institute as Kyzylorda Pedagogical Institute, and Kyzylorda Polytechnic Institute named after I. Zhakhayev - in 1976 as a branch of the Dzhambul Hydrometeorological and Construction Institute (DGMSI).

The Republican state enterprise on the right of economic management of the KSU named after Korkyt Ata of the Ministry of Education and Science of the Republic of Kazakhstan has - a state license for the right to conduct educational activities of AB No. 12019394 dated December 11, 2012, issued by the Committee for Control of Education and Science of the Ministry of Education and Science of the Republic of Kazakhstan, without limitation of validity.

Korkyt Ata KSU its activities on the basis of the Laws of the Republic of Kazakhstan "On Education", "On Science", the Development Strategy "Kazakhstan 2050 - a new political course of the established state", the State Program for the Development of Education and Science of the Republic of Kazakhstan for 2016-2019 and other legal acts of the Ministry Education and Science of the Republic of Kazakhstan.

The policy of Korkyt Ata KSU today is focused on improving quality assurance in any activity and preserving values. The university adopted and approved the main regulatory documents defining the policy of quality assurance: the University Charter, Academic

Policy (Minutes No. 2 dated August 29, 2016), the Strategic Development Plan of the Korkyt Ata KSU for 2017-2021 (approved at the meeting of the Supervisory Board on 11.09.2017 Protocol number 3) (www.korkyt.kz). The mission of the university is to prepare competitive and in-demand specialists with higher and postgraduate education, focused on solving the issues of industrial and innovative development in all sectors of the economy of the Kyzylorda region and the Republic of Kazakhstan.

Evidence of the development of a quality assurance culture at the university is the success in achieving the target indicators of quality, the results of external evaluations:

- In 2018, Korkyt Ata Kyzylorda State University entered the TOP-300 of the best universities in Eastern Europe and Central Asia according to the international QS University Rankings: Emerging Europe and Central Asia (QS EECA), ranking 273;

- according to the results of the National Rating of Demand for High Schools RK-2018, conducted by the Independent Accreditation Agency and Rating (NAAR), the Korkyt Ata Kyzylorda State University is in the TOP-20 of the best higher educational institutions of the republic, ranking 10th;

- According to the National Rating of the Republic of Kazakhstan - 2018, conducted by the Independent Agency for Quality Assurance in Education (NAOKO), the Korkyt Ata Kyzylorda State University ranks 9th among multi-disciplined universities of the Republic of Kazakhstan.

Educational activities of Korkyt Ata KSU under bachelor, master and PhD doctoral programs are carried out on the basis of an unlimited license (No. 12019394) issued by the Committee on the Control of Education and Science of the Ministry of Education and Science of the Republic of Kazakhstan on December 11, 2012. There are 30 departments in 7 faculties that train specialists in 64 undergraduate majors, 30 graduate majors, 9 PhD doctoral specialties.

Korkyt Ata KSU is a member of the European Association of Higher Education Institutions (2005), the Eurasian-Pacific Network of Universities (2005), the Magna Carta of Universities (2005), the Eurasian Association of Universities (2011) and the Association of Asian Universities (2017).

The material and technical base of the university includes 10 academic buildings, 5 dormitories, the Palace of Students, 7 student canteens, the Seykhun sports and recreation complex, a military training ground, and a library with 6 reading rooms.

Currently, Korkyt Ata KSU has 4,611 students, 405 undergraduates, and 43 doctoral students. The educational process is carried out by 493 teachers, including 18 doctors of science, 17 PhD doctors, 198 candidates of science, 183 masters.

The university publishes the scientific journal "Bulletin of Korkyt KSU named after Ata", a high-school newspaper "Syr tulegi" is published.

The training of personnel for accredited educational programs "Land Reclamation, Recultivation and Land Protection" and "Water Resources and Water Use" is carried out by the Department "Water Management and Land Management", which is a structural unit of the Faculty of Engineering and Technology. Currently under the accredited educational programs are studying:

- according to the educational program of the specialty 5B081000 - "Land reclamation, restoration and protection of land" in the full-time department - 32 students, of which 19 are on the grant, 9 on a paid basis, 4 on the local budget;

- under the educational program of the specialty 6M081000- "Land Reclamation, Recultivation and Land Protection", 12 undergraduates study, of which 11 are on the grant, 1 on a fee basis;

- according to the educational program of the specialty 6D081000- "Land reclamation, restoration and protection of lands" 7 doctoral students are studying, all on the basis of a state grant;

- according to the educational program of the specialty 5B080500- "Water resources and water use" - 47 in the full-time department, 35 of them on the grant, 7 on a paid basis, 5 on the local budget;

- according to the educational program of the specialty 6M080500 - "Water resources and water use" 8 undergraduates study, of which 6 are on the grant, 2 on a paid basis.

Training is conducted in full-time and distance forms in the Kazakh and Russian languages. Specialists in the department of "Water Management and Land Management" 17.5 full-time teachers, including 2 doctors, 10 candidates of sciences, 1 doctor PhD, 4 masters, which is 74%.

The department cooperates with industrial enterprises of educational regions and republics with which memoranda are concluded. The department has 2 branches in production (Kazakh Institute of Rice Production named after I.Zhakhayev, Kyzylorda branch of RSE on the right of economic management "Kazvodkhoz" of the Committee on Water Resources of the Ministry of Agriculture of the Republic of Kazakhstan).

Educational programs of the department "Water Management and Land Management" annually participate in the National ranking of educational programs. In the ranking of educational programs of universities in Kazakhstan, conducted by the IAAR in 2016, 5B080500- "Water resources and water use", 6M080500- "Water resources and water use" - 2nd place; in 2017 and 2018 5B081000, 6M081000, 6D081000 - "Land reclamation, recultivation and protection of lands" - 1st place.

According to the results of the rating of educational programs of universities of Kazakhstan, conducted by NAOCO, the accredited programs took the following places:

5B080500- "Water resources and water use" - 3rd place 2016, 4th place 2017, 2nd place 2018;

6M080500- "Water resources and water use" - 2nd place, 2016, 3rd place 2017, 2nd place 2018;

5B081000- "Land reclamation, restoration and protection of land" - 3rd place, 2017;

6M081000- "Land improvement, restoration and protection of land" - 3rd place, 2017

Students and undergraduates of the department of accredited EP are trained in academic mobility in other domestic and foreign universities. In 2016-2018, in the Kazakh National Agrarian University (Almaty), they studied in EP 5B081000 - Land reclamation, land restoration and land protection - 3 students, and in 5B080500 - Water resources and water use - 1 student. During this period, at the University of Silesia (the Republic of Poland, Katowice), they studied at EP 5B080500 - Water resources and water use - 2 students and at the University of Lodz (Poland, Lodz) - 3 undergraduates.

The main directions of research work of the department accredited EP:

- introduction of water-saving technology of cultivation of rice, vegetables and melons in the farms of Kyzylorda region;

- study of the dynamics of the ecological-ameliorative state of irrigated lands in the lower reaches of the Syr Darya;

- the use of treated wastewater for the cultivation of crops;

- study of the influence of the Syr Darya river water on the cultivation of crops;

- study of the problem of water supply in rural areas of the Kyzylorda region;

- technology for the development of saline lands out of agricultural use.

There are currently no funded research projects in the department.

Within the framework of the accredited EP, graduates have been closely engaged with employers, which, in turn contributes to the maximum employment of graduates from the EP and the creation of conditions to meet the needs and interests of the region.

Graduates trained on the basis of contracts with organizations are sent to work in accordance with the terms of the contract. Some graduate full-time students enrolled in the state educational grant continue to study in the magistracy and PhD doctoral studies, and

the rest, after completing professional practice directly on the basis of manufacturing enterprises, are successfully employed. Indicators of employment of graduates according to the monitoring of the university in the framework of the accredited EP are:

- in 2016-2017, according to EP 5B080500 - Water resources and water use and 5B081000 - Land reclamation, recultivation and protection of land - 98%;

- in 2017-2018, according to EP 5B080500 - Water resources and water use - 92% and according to EP 5B081000 - Melioration, recultivation and protection of lands - 87% of those employed.

Employment of students in the master's and PhD doctoral studies is 100%.

(IV) DESCRIPTION OF PREVIOUS ACCREDITATION PROCEDURE

Educational programs 5B081000, 6M081000, 6D081000 - "Land reclamation, restoration and protection of lands" and 5B080500, 6M080500 - "Water resources and water use" are being accredited by the IAAR for the first time.

(V) DESCRIPTION OF THE EEC VISIT

The visit of the external expert commission to the Korkyt Ata KSU was organized in accordance with the program agreed in advance with the Chairman of the EEC, the Rector of the University and approved by the Director of the IAAR.

In order to coordinate the work of the EEC on February 18, 2019, an orientation meeting was held during which powers were distributed among the members of the commission, the schedule of the visit was clarified, and agreement was reached on the choice of examination methods.

In accordance with the requirements of the standards, the program of the visit covered meetings with the acting. rector, vice-rectors, heads of departments, deans, heads of university departments, teachers, students, graduates, employers and employees from various departments, interviewing and questioning teachers and students. A total of 233 people took part in the meetings (Table 1).

Table 1.

Information about the staff and students who participated in meetings with the EEP IAAR

Category of participants Number	Number
Rector	1
Vice Rector	3
Heads of structural units	23
Deans	5
Heads of Chairs	9
Teachers	16
Students, undergraduates, doctoral students	21
Alumni	91
Employers	64
Total	233

During the excursion, the EEC members familiarized themselves with the state of the material and technical base, visited the exhibition hall of the National Research Center "Archeology and Ethnography", the training hall "President and Independent Kazakhstan", the scientific and technical library, the SEYHUN sports complex, hostel No. 5, greenhouse, engineering laboratories "Hydraulics", "Hydropower plants", "Hydraulic structures" and "Water supply and drainage systems", a museum of land reclamation and hydraulic engineering "Cheese Muraby" of Kyzylorda region.

Events planned during the visit of the EEC IAAR contributed to familiarizing experts with the 5B081000, 6M081000, 6D081000 practice bases "Land Reclamation, Recultivation and Land Protection" and 5B080500, 6M080500 - "Water Resources and Water Use" (Kazakh Research Institute of I. Zhahaev Rice Plant, Kyzylorda region branch of RSE on the right of economic management "Kazvodhoz" of the Committee on Water Resources of the Ministry of Agriculture of the Republic of Kazakhstan). The expert group visited the Kazakh Rice Research Institute named after I. Zhakhaev - the only research institute for plant breeding and seed cultivation of new rice varieties and the development and improvement of rice cultivation technology in Kazakhstan and the production site "Kyzylorda hydroelectric complex" of the Kyzylorda branch of the RSE on the economic management right "Kazvodkhoz" "Committee on Water Resources of the Republic of Kazakhstan.

In the allotted time to attend classes at the accredited EP, according to the program of the visit of experts, there were no training sessions in the schedule.

In accordance with the accreditation procedure, 102 teachers, 143 students, including students of junior and senior courses, were surveyed.

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

All conditions were created for the work of the EEC, access to all necessary information resources was organized. On the part of the team of Korkyt Ata KSU, the presence of all persons indicated in the visit's program was ensured, in compliance with the established time period.

Within the framework of the planned program, recommendations for improving accredited educational programs of the Korkyt Ata KSU, developed by the EEC based on the results of the examination, were presented at a meeting with the management of February 22, 2019

(VI) CONFORMITY TO SPECIALIZED ACCREDITATION STANDARDS

6.1 Standard "Management of the educational program"

**The university must have a published quality assurance policy.*

Quality assurance policies should reflect the link between research, teaching and learning.

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

**Commitment to quality assurance should relate to any activity performed by contractors and partners (outsourcing), including in the implementation of joint / double-diploma education and academic mobility.*

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

**The EP's management demonstrates the functioning of the mechanisms for forming and regularly reviewing the EP development plan and monitoring its implementation, assessing the achievement of learning*

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

**EP management should involve representatives of groups of stakeholders, including employers, students and teaching staff in the development of a development plan for EP.*

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

**The University should demonstrate a clear definition of those responsible for business processes in the framework of the EP, the unambiguous distribution of job responsibilities of staff, the delineation of the functions of collegial bodies.*

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

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

EP management must implement risk management.

**The EP's management must ensure the participation of representatives of interested parties (employers, teaching staff, students) in the collegial bodies of the educational program management, as well as their representativeness in making decisions on the management of the educational program.*

**The University should demonstrate the management of innovations within the framework of the EP, including the analysis and implementation of innovative proposals.*

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

**The management of EP must be trained in educational management programs.*

The EP management must strive to ensure that the progress made since the last external quality assurance procedure was taken into account in preparing for the next procedure.

The evidence part

The university has mainly defined and documented the procedures for assessing the quality of EP. Activities Korkyt Ata KSU is regulated by the Charter of the university, the Quality Policy (Protocol No. 1 dated August 31, 2017), the Strategic Development Plan of the Korkyt Ata KSU for 2017–2021 reviewed and approved at a meeting of the Supervisory Board of the University on September 11, 2017 (Protocol No. 3) with amendments and additions made by the Academic Council of November 13, 2018 (Protocol No. 4), Plans for the development of the educational program for 2019-2023 in the following specialties: 5B081000 - Land reclamation, restoration and protection of the Earth; 6M081000 - Land Reclamation, Land Reclamation and Land Protection; 6D081000 - Land Reclamation, Land Reclamation and Land Protection; 5B080500 - Water resources and water use; 6M080500 - Water resources and water use (Protocol of the AU No. 5 of 01/23/2019), and a series of documents defining the academic policy of the university.

The Commission notes that the Strategic Development Plan defines a perspective vision, which indicates that the educational activities of the university are aimed at the realization of the goals and objectives of the national education system based on spiritual and moral values and the National Patriotic Idea "Mangilic El". Perspective and strategic issues of the development of EP are solved taking into account the views of students, teachers, university employees and employers. The university has a "List of employers participating in the development and evaluation of EP", approved by order No. 1353- of 06.11.2018.

Korkyt Ata KSU is reviewing the strategic objectives of the university in the light of changes in external factors, new key areas of public policy.

The members of the EEC are convinced that the university has developed a policy in the field of quality assurance aimed at the continuous improvement of the educational process, research activities, and implementation of innovative projects. This policy is based on the mission, vision and values of the university. KSU them. Korkyt Ata monitors employer satisfaction with university graduates. A provision has been developed to take

into account the views of employers on the professional suitability of graduates of Korkyt AtaKSU

The university conducts an internal audit through monitoring the implementation of work plans for structural units, opinion polls, monitoring studies of the quality of students' knowledge. However, the university does not always and insufficiently ensure the awareness of stakeholders and the transparency of the content of the main strategic documents and EP development plans.

Manufacturers participate in the process of reviewing the content of the EP at department meetings, prepare their reviews and propose topics of current elective courses, which are brought to the MEP as a result of a general discussion. The list of elective disciplines introduced into the educational process of accredited educational programs in the period from 2015 to 2018 is given in Table 2.

№	Discipline	Academic year
	5B080500 - Water resources and water use	
1	Coastal and channel intakes	2015-2016
2	Basics of water purification technology	2015-2016
3	Climate risks and its management	2016-2017
4	Geoinformation technologies in the water economy	2018-2019
	6M080500 - Water resources and water use	
1	Management of natural and man-made complexes	2015-2016
2	Research technology of natural and man-made systems	2015-2016
3	Assessment of the environmental pollution level	2015-2016
4	Methods of natural wastewater treatment and their use for irrigation of crops	2015-2016
	5B081000 - Land Reclamation, Recultivation and Protection	
1	Salinity control of irrigated land	2014-2015
2	Geoinformation technologies in the water economy	2018-2019
	6M081000 - Land Reclamation, Recultivation and Protection	
1	Adaptive landscape reclamation	2015-2016
2	Methods of natural wastewater treatment and its use for irrigation	2015-2016

In the 2018-2019 academic year a discipline “Geoinformation Systems in Water Management” was introduced in the QED for the specialties 5B081000 - Land Reclamation, recultivation and protection, 5B080500 - Water resources and water use on the recommendation of employers. The purpose of this discipline is to familiarize students with the basics of geographic information systems, the development of user skills. The latest software products available in the public domain and distributed via the Internet SAS Planet (version 160707), Google Earth, Google Maps, as well as specialized licensed GIS products such as ESRI ArcGIS, etc. are used in the course of the educational process.

The Quality Policy provides for interaction between the business community, the scientific community, teaching staff and learners through such mechanisms as:

- formation of reasonable expectations, assessment of learning outcomes, readiness of the leadership for close communication with consumers;
- study of the needs of students, the expansion of the educational services proposals;
- annual update of the content of educational programs to meet the requirements of employers and the modern labor market;
- attraction of highly qualified personnel able to identify and anticipate the needs of students ready for open communication;
- delivering the opportunity to make comments and suggestions from consumers and

employers;

-analysis of the results of the EP implementation at sessions of the Academic Councils, the Council of the Faculty, the Academic Council of the University, the Scientific and Methodological Council, sessions and the scientific and methodological seminar of the Department of Water Management and Land Management. The results of the work of the department and the assessment of the teaching staff on the accredited specialties are carried out according to the results of each semester and academic year.

The development of a quality assurance culture is expressed in major changes in the organization of education and in the practice of EP management.

Thus, in order to improve the quality of training professionals in the specialties of undergraduate, graduate, PhD doctoral studies, to ensure the needs of employers in competitive specialists, the Academic Council in the area of Agriculture was created at the department of academic issues.

Quality Management System Korkyt Ata KSU is certified for compliance with ST RK ISO 9001-2016 - "QMS. Requirements.

Within the framework of the accredited EP, a mechanism (or procedure) for the selection of stakeholders to participate in the formation of an educational program development plan is defined.

According to the results of interviewing, familiarization with various documents, material and technical base and information and methodological resources of the university and departments, students' questionnaires and teaching staff, EEC IAAR notes the following:

- material and technical base of the provision of EP requires improvement due to the modernization of equipment and laboratory facilities in specialized laboratories;
- it is necessary to strengthen the work on raising the level of research work on EP (currently, the department lacks funded research);
- lack of disciplines taught in English; the need to implement multilingual, dual education and double-diploma education;
- insufficient interrelation of the university and stakeholders;

The strengths of the EP are:

- development and the possibility of adjusting the EP Development Plans based on the analysis of the functioning and real positioning of Korkyt Ata KSU and their focus on meeting the needs of all stakeholders - the state, employers, students and teaching staff;
- The university demonstrates a clear distribution of functional and job responsibilities of staff and collegial bodies involved in the implementation of EP, including its design, management, monitoring and improvement.

Recommendations of the EEC for EP 5B081000 - Land Reclamation, Land Reclamation and Protection; 6M081000 - Land Reclamation, Land Reclamation and Land Protection; 6D081000 - Land Reclamation, Land Reclamation and Land Protection; 5B080500 - Water resources and water use; 6M080500 - Water resources and water use:

- to improve the material and technical base of the EP at the expense of upgrading equipment and laboratory facilities in specialized laboratories;
- to strengthen the work on raising the level of R & D for EP (currently, the department lacks funded R & D);
- enhance the role of employers and stakeholders in the implementation and development of EP;
- provide for the possibility of introducing in these specialties the process of teaching academic subjects in the English language in order to ensure the compliance of educational

programs with the leading trends of the national educational policy (multilingual education);

Conclusions EEC on the criteria:

According to the standard "Educational Program Management", 17 criteria are disclosed, of which educational programs are accredited: EP 5B081000 - Land Reclamation, Recultivation and Land Protection; 6M081000 - Land Reclamation, Land Reclamation and Land Protection; 6D081000 - Land Reclamation, Land Reclamation and Land Protection; 5B080500 - Water resources and water use; 6M080500 - Water resources and water use have 3 strong, 11 satisfactory positions and 3 - suggest improvement.

6.2 "Information Management and Reporting" standard

**The university should ensure the functioning of the system for collecting, analyzing and managing information through the use of modern information and communication technologies and software.*

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

**Under the EP, there should be a regular reporting system reflecting all levels of the structure, including an assessment of the effectiveness and efficiency of the departments and departments, and scientific research.*

**The university should establish the frequency, forms and methods for evaluating the management of EP, the activities of collegial bodies and structural divisions, senior management, and the implementation of research projects.*

**The university should demonstrate how to determine the order and ensure the protection of information, including the definition of responsible persons for the accuracy and timeliness of information analysis and provision of data.*

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

**The EP's management must demonstrate the presence of a communication mechanism with students, employees and other interested parties, including the existence of conflict resolution mechanisms.*

**The university should provide a measure of the degree of satisfaction of the needs of faculty, staff and students in the framework of the EP and demonstrate evidence to address the identified deficiencies.*

**The university should evaluate the performance and effectiveness of the activity, including in the context of the EP.*

**Information collected and analyzed by the university at the EP should take into account:*

- key performance indicators;*
- the dynamics of the contingent of students in the context of forms and types;*
- level of achievement, student achievement and deduction;*
- students' satisfaction with the implementation of the EP and the quality of education at the university;*
- availability of educational resources and support systems for students;*
- employment and career growth of graduates.*

**Students, employees and faculty must document their consent to the processing of personal data.*

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

The evidence part

The system of collecting, analyzing and managing information Korkyt Ata KSU is based on the use of information and communication technologies and software. The official website of the university (<http://www.korkyt.kz>) is used to manage information, and the AIS Platonus ([ais / platonus / korkyt.kz](http://ais/platonus/korkyt.kz)) is used to increase the level of transparency of the educational process. In 2016, the concept of the development of the electronic university "E-UNIVER" of the Korkyt Ata KSU for 2016-2020 was adopted.

There is a Rector's Blog on the website of Korkyt Ata KSU (<http://www.korkyt.kz>), Which is monitored once a month. There is a feedback of the university management with students, their parents, employees and faculty of the university, employers and members of the public.

There is a process of engaging students, employees and teaching staff, employers in the process of collecting and analyzing information, as well as making decisions based on

them (questioning on current issues and monitoring data). The university's regulatory documents are freely available and access to information on the management, planning and implementation of EPs is provided.

The properties and characteristics of the information collected and processed are determined by the university's mission and are aimed at finding the most effective and efficient methods and ways to improve the quality of the educational and related services provided, as well as improve the social conditions of employees and students. The university has responsible persons responsible for the accuracy of the information, timely informing the structural divisions of the university and the faculty.

One of the tools for analyzing the activities of departments of Korzyt AtaKSU, evaluations of their effectiveness are annual surveys of students, teachers and university staff.

In all divisions of the university, records management is carried out in accordance with the approved nomenclature of affairs, the safety and archiving of documents is ensured, work is underway to switch to electronic document circulation. Structural departments, halls of electronic resources of the university are connected to the Internet. The university partially provides free access to teachers and students to the Internet and Wi-Fi on campus.

To assess the organizational structure and management system of the University and implement corrective actions, reports from heads of departments, questionnaires, audits, surveys are used. Evaluation is made in all areas of educational, educational, informational, scientific, educational activities and material and technical support of the educational process. The University conducts certain work on the collection and analysis of statistical data on the contingent of students and graduates, information on the level of employers' satisfaction with the quality of the development of educational programs.

The manual provides communication and information exchange at the university through: distribution of organizational and administrative documentation, decisions of the Academic Council, university administration and other types of documentation, including from receptions on personal and official matters; business correspondence (reports and memoranda, explanatory notes, statements); visual information materials, scientific and methodological publications and articles in the central and local press; placing information on information stands and the university website. Students, employees and interested persons can personally contact the head of departments, vice-rectors, and the rector in a specially allotted time. Suggestions and recommendations can be made during meetings of collegial bodies, which include students and teachers.

The results of the survey among students and teaching staff on the issue conducted by the EEC IAAR indicate that:

- students showed high satisfaction with the usefulness of the web site of educational institutions in general and faculties in particular: "Completely satisfied" - 66.4%, "Partially satisfied" - 25.2%, "Not satisfied" - 2.8%.

- PPP is satisfied with the level of feedback from management: "Excellent" - 46.1%, "Good" - 52.9%, "Relatively bad" - 0%.

- the teachers highly appreciated the level of involvement of the teaching staff in the process of making management and strategic decisions: "Excellent" - 41.2%, "Good" - 56.9%, "Relatively bad" - 1%.

Analytical part

The system of collecting, analyzing and managing information Korzyt Ata KSU is based on the use of information and communication technologies and software. For information management, the university's educational portal is used, where the university's regulatory documents are located and access to information on management,

planning and implementation of EPs is carried out. The process of involving students, employees and teaching staff in the process of collecting and analyzing information, as well as making decisions based on them, has been established.

The system of information, which relates to the quality of study at the university, covers: level of success of students; the demand for graduates in the labor market; the satisfaction of students with the quality of the implementation of the EP; the effectiveness of the training; access to training resources; MONITORING INDICATORS OF THE CHAIR'S ACTIVITY.

The protection of information at the university lies in the fact that the activity is aimed at preventing the leakage of protected data, unintended and unauthorized impacts on the protected data. The university has a "Network and Information Security Administration Group", which constantly monitors attacks on information.

Surveys of faculty and staff are conducted annually and include a study of the level of satisfaction of faculty and staff with working conditions, prospects for professional development and administrative management of the university.

The survey of students about satisfaction with the conditions of study is held annually in order to study the views of students on the quality of educational and administrative services of the university.

Personal files of faculty, staff and students indicate a lack of documentary consent to the processing of personal data.

At the time of the visit, the use of AIS Platonus, at an inadequate level, is represented by the management of educational and methodological information; the use of the program by students of the EP is not demonstrated.

The university's website does not have enough information about the creative activities of students and faculty, scientific and creative projects, etc.

The strengths of the EP are:

- the university actively implements information management processes, collects and analyzes it, determines the volume, type and structure, in accordance with the mission and strategy of the university, in which students, employees and teaching staff are involved.

- the information collected and analyzed takes into account the key performance indicators of the EP, the dynamics of the contingent of students and their level of academic performance. The students' satisfaction with the implementation of the EP, the availability of educational resources, the demand for graduates in the labor market is taken into account;

- There are responsible persons responsible for its accuracy. For this work, modern information systems, information and communication technologies and software are used. The university provides full protection of information and its safety.

Recommendations of the EEC for EP 5B081000 - Land Reclamation, Land Reclamation and Protection; 6M081000 - Land Reclamation, Land Reclamation and Land Protection; 6D081000 - Land Reclamation, Land Reclamation and Land Protection; 5B080500 - Water resources and water use; 6M080500 - Water resources and water use:

- to ensure the adoption of management decisions based on an analysis of the facts of identifying and predicting development risks;

- to provide a mechanism for the procedure of registration and documentary consent of students, employees and faculty of the university for the processing of personal data;

- determine the criteria and systematize the assessment of the effectiveness of the effectiveness of the EP;

- to supplement the website of the university with necessary information about the educational program (creative activity of students and faculty, scientific and creative projects, etc.);

Conclusions EEC on the criteria:

According to the "Information Management and Reporting" standard, 17 criteria are disclosed, of which educational programs are accredited: EP 5B081000 - Land Reclamation, Recultivation and Land Protection; 6M081000 - Land Reclamation, Land Reclamation and Land Protection; 6D081000 - Land Reclamation, Land Reclamation and Land Protection; 5B080500 - Water resources and water use; 6M080500 - Water resources and water use have 5 strong, 11 satisfactory positions and 1 - suggest improvement.

6.3. Standard "Development and approval of the educational program"

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

**EP management must ensure that the developed EPs are consistent with the established goals, including the expected learning outcomes.*

**The EP management must ensure the availability of developed graduate EP models describing learning outcomes and personal qualities.*

**EP management must demonstrate that an external examination of the EP is carried out.*

**Qualifications obtained at the end of the EP should be clearly defined, explained and correspond to a certain level of the NSC.*

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

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

**EP management must provide evidence of the participation of students, faculty and other stakeholders in the development of EP, ensuring their quality.*

ОП The complexity of the EP should be clearly defined in Kazakhstan loans and ECTS.

**The EP's management should provide the content of academic disciplines and learning outcomes to the level of education (bachelor, master, doctorate).*

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

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

The evidence part

Development of developmental programs 5B081000, 6M081000, 6D081000 - Land reclamation, recultivation and protection of lands, 5B080500, 6M080500 - Water resources and water use are carried out at the department "Water Management and Land Management and Services. The provision for the development and approval of educational programs is compiled in accordance with the Classifier of areas of training with higher and postgraduate education, the requirements of SES and other legal acts of higher and postgraduate education, as well as the Academic Policy of the University.

The teaching staff of the department, students, and strategic partners - employers, heads of practice participates in the development of EP and includes the following stages of the formation of EP:

- Analysis of the needs of the labor market;
- The formation of the goals and objectives of the educational program;
- The formation of a model (attributes) of a graduate: competences, expected results, as well as assessment technology;
- mapping the planned learning outcomes;
- Development of a working curriculum;
- Compilation and approval of the catalog of elective disciplines.

Developed at the Department of the EP is considered at the Council of the Faculty and the Academic Council in the areas of water and agriculture. The approval of the EP by the rector is carried out at the Supervisory Board.

The purpose of the educational program is the implementation of education aimed at training highly qualified personnel with practical skills and leadership skills, through the introduction of innovative training technologies and the training of competitive specialists in the field of water and agriculture.

The objectives of the undergraduate and graduate educational programs are consciously defined, expected results; This is a description of the system of knowledge, skills, abilities and competencies that the learner should master as a result of the development of EP. Therefore, all disciplines of the educational program are aimed at the formation of certain competencies that allow you to achieve the objectives of the program, the planned learning outcomes.

The EEC has obtained evidence that employers are involved in the formation of EP: proposals are being made on the introduction of new practice-oriented elective disciplines; supplemented by the content of training courses; the issue of a partial transfer of classes to production is being resolved; topics of course and diploma projects commissioned by enterprises-employers; the participation of practitioners in the teaching of individual courses and disciplines.

In the 2014-2015 academic year, according to the recommendations of employers of the Kyzylorda branch of the RSU "Kazvodhoz", the Kazakh Research Institute of Rice named after I.Zhahaev, the discipline "Fighting with soil salinization" (Protocol No. 9 of February 10, 2014). In the 2018-2019 academic year, the following disciplines were introduced to the Catalog of elective disciplines according to the proposals of the above-mentioned enterprises: "Geoinformation systems of water management" and "Geoinformation systems of agriculture" (Minutes No. 10 of 03/13/2018). The introduction of new disciplines strengthened the interest of students in learning, contributed to the formation of students' competencies that are in demand in the labor market.

Of particular importance in the development and approval of the EP attached to the definition of places of practice and possible employment. Attaching great importance to practical training of students, the department conducts sufficient work on the organization and conduct of professional practices, on the selection of bases of practice, its methodological support, guidance and control. The professional growth of students as future competitive specialists depends on the effectiveness of the organization and the sequence of all levels of practice. Each stage of the practice is the final stage of study at the appropriate course and serves as the basis for the transition of the student to the next level of study.

Professional practice on the accredited EP is carried out in accordance with the document "Rules for the organization and conduct of professional practice and the rules for defining the organization as bases of practice", approved by order of the MES of RK No. 107 of January 29, 2016. It describes all the processes and criteria for the passage of various practices. On the basis of this, bases of practice were selected and agreements were concluded with the following enterprises: Kyzylorda branch of RSE Kazvodkhoz, Kazakh Research Institute of Rice Production named after I.Zhahaev, RSE United Directorate of Aral enterprises under construction, Regional state-owned enterprise Kyzylordavodhoz, Aral-Syrdarya basin inspection.

In accordance with the State Educational Standards of the Republic of Kazakhstan (Order No. 1080, August 23, 2012, order with changes and additions No. 292, dated May 13, 2016), the curriculum maintains the ratio of the volume of cycle disciplines: the educational program of the specialty 5B081000- "Land reclamation, recultivation and land protection ", 5B080500 - Water resources and water use from three cycles: 1 cycle -

Mandatory modules of general educational disciplines aimed at developing a general intellectual level (28 credits or 50 credits are allocated for studying these disciplines), 2 cycles - basic disciplines (69 credit or 130 credits under ECTS, of which 20 credits are for compulsory disciplines or 36 credits for ECTS, 49 credits are optional disciplines or 94 credits for ECTS), the 3rd cycle is a major discipline (32 credits or 56 credits for ECTS, of which 5 - for compulsory disciplines or 9 credits for ECTS), 27 credits for disciplines of choice, or 47 credits for ECTS. 2-3 cycle aimed at the formation of professional competencies, the development of creative potential, increasing the level of competitiveness of graduates, abilities based on the acquired knowledge, skills and personal qualities to successfully carry out their professional activities.

At the undergraduate level (5B081000-Land Reclamation, Land Reclamation and Protection and 5B080500 - Water Resources and Water Use), the key competencies necessary for professional activity (ability to work with information, enter into communications, possession of social and legal principles of individual behavior in society, etc. .d.) and basic competences that reflect the specificity of a particular professional activity to a level that allows them to be applied in standard situations (design competence, construction the use of reclamation, water management facilities, the ability to put forward and defend arguments, solve problems in their field of study).

At the master's level (6M081000 - Land Reclamation, Land Reclamation and Protection, 6M080500 -Water Resources and Water Use) - the professional competencies formed in the undergraduate degree are expanding and deepening (the ability to develop new methods, approaches and procedures for managing the volume and quality of the work they have done, readiness to be fully responsible for the safety of hydraulic structures and others). The master's degree prepares scientific personnel capable of teaching and research activities. The conceptual basis and objectives of the master's training are based on the concept of continuity and continuity of the stages of the educational process, on the mutual permeability of educational programs. Qualifications, meaning the completion of the second level, are assigned to students, who have the ability to integrate knowledge, cope with difficulties, build, clearly and clearly convey their findings.

At the doctoral level - fundamental educational, methodological and research training and in-depth study of disciplines in the direction of 6D081000-Land reclamation, recultivation and land protection for the system of higher, postgraduate education and research sector.

The educational and methodological support of the educational program includes the educational and methodical complex of the specialty (UMKS), which includes the Modular Educational Program (MEP), the working curriculum (RUE), the catalog of elective disciplines (CED), which describe the component disciplines of choice with an indication of the summary , pre-and post-requisites and educational-methodical complexes of disciplines (EMCD), which includes methodological recommendations on various types of educational activities (SRO, practice, etc.).

UMKS documents are developed by the faculty of the department in accordance with the provisions (Regulations on the development of EMCD, MOP, QED) and are discussed at the meeting of the department.

A survey of faculty members conducted during the visit of the EEC IAAR showed that:

- The faculty believe that the university management pays attention to the content of the EP for "very good" - 67.6%, for "good" - 30.4%;

- PPS satisfies the content of the educational program for "very good" - 60.8%, for "good" - 38.2%.

The results of students' questioning on the issue of supporting educational materials in the learning process: "fully satisfied" - 91.7%, "partially satisfied" - 81.3%, "partially dissatisfied" - 2.8%, "not satisfied" - 1, four %.

Analytical part

The university has defined and documented the procedure for assessing the quality of EP, the structure of the educational program has been developed. The conditions for the organization and conduct of professional practice are demonstrated.

Taking into account modern occupational requirements, the needs of the labor market and the proposals of employers, the contents of the EP are revised, however, employers do not always participate in the development of the EMCD.

The university has no joint educational programs with foreign educational organizations.

Experts noted that during the implementation of the EP there are the following inconsistencies:

On educational programs 6B081000, 6M081000 - Land Reclamation, Land Reclamation and Land Protection and 6B081000, 6M081000 - Water Resources and Water Use:

- within the framework of the implementation of joint educational programs and double degree programs of the Korkyt Ata KSU, an agreement on cooperation with the universities of Silesia and Lodz (Poland) was signed, but there are no joint educational programs and double degree programs;

- there are no students and undergraduates of other domestic and foreign universities accredited by the EP students on academic mobility in Korkyt Ata KSU;

- there are no teachers of the department invited by other domestic and foreign universities in the framework of academic mobility or in the framework of cooperation.

ON the educational program 6D081000 - Land Reclamation, Recultivation and Land Protection:

- Insufficient review of the EP by representatives of industrial organizations (one review for all levels of training);

- Coordination of work programs of disciplines with employers is available only on the level of undergraduate;

- There are no conditions for preparing students for professional certification;

- There is no connection between the activity of the base of practices and the individual educational trajectory of the student at the conclusion of contracts for the conduct of professional practices;

Strengths / best practice:

- The university has defined and documented procedures for the development and approval of educational programs at the institutional level;

- the management of the EP ensured the compliance of the developed SP with the established goals, including the expected learning outcomes;

- The leadership of the EP developed a model of a graduate of the EP, describing learning outcomes and personal qualities.

- EP's management provided evidence of the participation of students, faculty and other stakeholders in the development of EP, ensuring their quality (Protocols of creation and work on the management of EP of Academic Councils for Water and Agriculture);

- The leadership of the EP provided the content of academic disciplines and learning outcomes to the level of education (bachelor, master, doctorate).

Recommendations of the EEC for EP 5B081000 - Land Reclamation, Land Reclamation and Protection; 6D081000 - Land Reclamation, Land Reclamation and Land Protection; 5B080500 - Water resources and water use

- create conditions for preparing students for professional certification;

- Strictly take into account the relationship between the activities of the base of practices and the individual educational trajectory of the student when concluding contracts for the implementation of professional practices;
- consider the implementation of joint educational programs with foreign educational organizations;

Conclusions EEC on the criteria:

According to the standard "Development and Approval of the Educational Program", 12 criteria are disclosed, of which the educational program is accredited: EP 5B081000 - Land Reclamation, Recultivation and Land Protection; 6M081000 - Land Reclamation, Land Reclamation and Land Protection; 6D081000 - Land Reclamation, Land Reclamation and Land Protection; 5B080500 - Water resources and water use; 6M080500 - Water resources and water use have 5 strong, 4 satisfactory positions and 3 - suggest improvement.

6.4 Standard "Continuous monitoring and periodic evaluation of educational programs"

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

**Monitoring and periodic evaluation of the EP should consider:*

- *The content of programs in the light of the latest achievements of science in a particular discipline to ensure the relevance of the discipline being taught;*
- *Changes in the needs of society and the professional environment;*
- *Load, performance and graduation of students;*
- *Effectiveness of student assessment procedures;*
- *Expectations, needs and satisfaction of students;*
- *Educational environment and support services and their compliance with the objectives of the EP.*

**The University and the administration of the EP must provide evidence of the participation of students, employers and other stakeholders in the revision of the EP.*

**All interested parties should be informed of any planned or taken actions in relation to the EP. All changes made to the EP should be published.*

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

The evidence part

Monitoring and periodic assessment of the EP specialties 5B081000, 6M081000, 6D081000 - Land Reclamation, Land Reclamation and Protection, 5B080500, 6M080500 - Water resources and water use are aimed at achieving the objectives of the EP, the full formation of the planned learning outcomes.

Korkyt Ata KSU has its own requirements for the format of monitoring and periodic evaluation.

Analysis of the monitoring procedures and periodic evaluation of the educational program of the accredited specialties is carried out on the basis of: analysis of curricula, a catalog of elective disciplines, individual plans of students' programs, internal regulatory documents governing the implementation of educational programs, their monitoring and evaluation; protocols of collegial bodies and department meetings; surveys of students, faculty and stakeholders; results of observation of support services.

Analytical part

The minutes of the department meetings and methodological councils do not reflect how the results of monitoring and periodic evaluation of the EP affect the continuous improvement of the EP.

In the documents of the department there is not enough information about monitoring the progress of students: how the progress of the student is determined, in which documents it is reflected.

There is no evidence of how the university guarantees that the activities performed by the students during the practice correspond to the upcoming professional activities.

The minutes of the department meetings and methodological councils lack information and specific examples of the changes made to the study program as a result of monitoring.

There is no information about the mechanism of informing all interested parties about any planned or taken actions regarding the EP.

There is no information about changes made to the EP, as well as about the publication of such information.

The strengths of the EP are:

- Documents of the department confirm the participation of students, employers and other stakeholders in the revision of the EP;
- The leadership of the EP provided a review 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.

Recommendations of the EEC for EP 5B081000 - Land Reclamation, Land Reclamation and Protection; 6M081000 - Land Reclamation, Land Reclamation and Land Protection; 6D081000 - Land Reclamation, Land Reclamation and Land Protection; 5B080500 - Water resources and water use; 6M080500 - Water resources and water use:

- organize the monitoring of students' progress in the department: how the student's progress is determined, in which documents it is reflected;
- to ensure that the department's documents contain information on specific examples of changes made to the study program as a result of monitoring;
- provide a mechanism for informing all interested parties about any planned or taken actions regarding the EP, as well as publishing such information;
- provide a mechanism that the activities performed by students in the course of the practice correspond to the upcoming professional activity.

Conclusions EEC on the criteria:

According to the standard "Continuous Monitoring and Periodic Evaluation of Educational Programs" 10 criteria are disclosed, of which educational programs being accredited are 5B081000, 6M081000 and 6D081000 - Land reclamation, remediation and protection of lands and 5B081000, 6M081000 - Water resources and water use: have 1 strong, 7 satisfactory positions and 2 suggest improvement.

6.5 Standard "Student-centered learning, teaching and assessment of progress"

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

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

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

**EP management must demonstrate the presence of a feedback system on the use of various teaching methods and evaluation of learning outcomes.*

**The EP's management should demonstrate support for the autonomy of the students, with simultaneous guidance and assistance from the teacher.*

**EP management must demonstrate the existence of a procedure for responding to students' complaints.*

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

**The university should ensure the compliance of procedures for the evaluation of the educational results of students of EP with the planned learning outcomes and the objectives of the program. Criteria and assessment methods in the framework of the EP should be published in advance.*

**In the university, mechanisms should be defined to ensure that each graduate of the PF master the learning outcomes and ensure the completeness of their formation.*

**Assessors should possess modern methods of assessing learning outcomes and regularly improve their skills in this area.*

The evidence part

The implementation of the EP in the specialties 5B081000, 6M081000 and 6D081000 - “Land Reclamation, Recultivation and Protection of Lands”, 5B080500 and 6M080500 - “Water Resources and Water Use” in the framework of student-centered education takes place taking into account personal characteristics and needs of students, focusing on independent activities, the process of increasing personal responsibility for learning outcomes.

The functioning of EP reflects the formation of an individual educational trajectory of students and the conduct of professional practices.

Demonstrated mechanisms for assessing learning outcomes, appeals and transparency of criteria and assessment tools. There is a principle of objective peer review and appeal, which is especially important for all specialties, including specialties of the agricultural direction.

The university provides material support to successful students and students from low-income, large families and orphans, and a socially vulnerable category of students is provided with a flexible system of tuition fees. The university celebrates the success and activity of students; there are awards, diplomas and certificates.

In the educational process, teachers use various forms of conducting classes (business games; round tables; literature review; drawing up individual and group projects) that contribute to the development of students' skills of analysis and making professional decisions.

In order to adapt students to the educational environment of the university, the Guidebook is constantly updated, containing systematized information about the internal regulations, organizational and procedural norms of the educational process.

In the process of interviewing ECCAIAAR students noted that they take part in the formation of their own (individual) educational trajectory, independently choose elective courses.

Accounting for individual needs in mastering the professional skills and cultural experience of students in addition to the choice of elective disciplines is also carried out when choosing a base of practice, when defining a supervisor and a thesis topic, when deciding on the participation of students in research conferences and, in general, in scientific work (research projects), etc.

Students of the accredited EP participate in university, regional, republican and international student scientific-practical conferences and competitions held in the cities of the Republic of Kazakhstan and the near and far abroad and are published in collections. For example, a student of the group MROZ-13-1 Sakhi M. made a presentation in a scientific-practical conference held in Taraz on June 24, 2016 (“Scientific support as a factor of sustainable development of water management: Reports of the II International Scientific-Practical Conference”) and a student of the VRV-13-1 group A. Bektai took part with a report on the topic: “Changing of minerals of Syrdarya water” in the XI International Scientific and Practical Conference “Education and Science of the XXI Century (Sofia, Bulgaria, 2016).

The results of research activities are presented in Table. 3.4.

Table 3.
Prize-winning places of students in competitions and scientific events of 2017-2019.

	full name of the Student	Group	Marked	Event Name
5B081000- "Land Reclamation, Recultivation and Land Protection",				
1.	Absadyk kyzy Aida	MROZ-16-1	Diploma	IX Republican competition scientific student work "Gusharaynasy", November 28, 2018, Astana
2.	Syrgabai Nurai	MROZ -16-1	Diploma	
3	Abzhami K.	MROZ-14-1	Diploma	Exhibition-competition of projects and achievements of scientific student circles, April 25, 2018, them. KorkytAta, Kyzylorda
4	Есенгабыловой Б.	MROZ-15-1 B	Diploma	
5B080500 - "Water resources and water use"				
1.	Zhalelov Koben	VRV-14-1	Diploma	IX Republican subject Olympiad KazNAU, Almaty, 2017
2.	DaurenbekAidar	VRV-14-1	Diploma	X Republican subject Olympiad KazNAU, Almaty, 2018.

Level of involvement in research and development of students of all levels

Table 4

№	Activity of the Department	2015	2016	2017
5B080500 - Water resources and water use, 5B081000 - Land reclamation, res protection of land				
1	Participation in competitions	5	6	2
2	Participation in contests	2	4	5
3	Participation in scientific conferences	20	18	27
4	Participation in scientific publications	6	7	3
6M080500 - Water Resources and Water Use, 6M081000 - Land Reclamation, Recu Land Protection				
1	Participation in competitions	-	-	-
2	Participation in contests	3	4	6
3	Participation in scientific conferences	12	13	4
4	Participation in scientific publications	27	16	10
6D081000 - Land Reclamation, Land Reclamation and Land Protection				
1	Participation in competitions	-	-	-
2	Participation in contests	3	2	-
3	Participation in scientific conferences	10	7	-
4	Participation in scientific publications	31	20	-

According to the results of the student survey conducted within the framework of the EEC IAAR, it was determined that, in general, equal opportunities were provided to all students: "Full agreement" - 77.6%, "Agree" - 14.0%, "Partially agree" - 0%, "Full disagreement" - 2.8%.

The learning process at the university is characterized by clarity and transparency of requirements, both to the level of educational achievements and to control procedures, as well as the presence of "feedback" with the student. The survey of the EEC of students showed that:

- explaining to you before entering the rules and strategies of the educational program (specialty) "Fully Satisfied" - 76.2%, "Partially Satisfied" - 18.2%, "Not Satisfied" - 0%;

- the level of implementation of these rules and strategies of the educational program (specialty) "Fully Satisfied" - 74.2%, "Partially Satisfied" - 23.1%, "Not Satisfied" - 1.0%;

- informing students about courses, educational programs, and academic degrees "Fully Satisfied" - 79.0%, "Partially Satisfied" - 14.0%, "Partially Not Satisfied" - 6.3%.

The university monitors the progress of students in the educational trajectory. The objectivity of the assessment of students' knowledge, transparency and adequacy of the tools and mechanisms for their assessment is provided by the regulatory documents on the organization of the credit technology of education. The dynamics of student performance in recent years is observed (Table 5).

Table 5

Student performance indicators

Academic year	Quality of knowledge%				Performance			
	1 course	2 course	3 courses	4 courses	1 course	2 course	3 courses	4 courses
5B080500 - Water resources and water use, 5B081000 - Land reclamation, restoration and protection of land								
2015-2016	85	87	88	86	100	100	100	100
2016-2017	84	85	86	84	100	100	100	100
2017-2018	86	84	85	80	100	100	100	100
6M080500 - Water Resources and Water Use, 6M081000 - Land Reclamation, Recultivation and Land Protection								
2015-2016	91	95	-	-	100	100	-	-
2016-2017	94	96	-	-	100	100	-	-
2017-2018	93	94	-	-	100	100	-	-
6D081000 - Land Reclamation, Land Reclamation and Land Protection								
2015-2016	-	97	98	-	-	100	100	-
2016-2017	-	-	98	-	-	-	100	-
2017-2018	96	-	-	-	100	-	-	-

Table 6

ICA results

School Year	Total students	Appeared in the state.	Exam Results								
			Excellent	%	Good	%	Satisfactory	%	Unsatisfactory	%	Average score
5B080500 - Water resources and water use											
2015-2016	8	8	4	50%	4	50%	-	-	-	-	3,66
2016-2017	17	17	12	71%	4	24%	1	5%	-	-	3,59
2017-2018	9	9	4	44%	5	56%	-	-	-	-	3,22
5B081000 - Land Reclamation, Land Reclamation and Land Protection											
2015-2016	22	22	15	68%	7	32%	-	-	-	-	3,5
2016-2017	18	18	11	61%	7	39%	-	-	-	-	3,5
2017-2018	39	39	14	36%	25	64%	-	-	-	-	3,4
6M080500 - Water resources and water use											

2015-2016	10	10	9	90%	1	10%	-	-	-	-	3,7
2016-2017	4	4	4	100	-	-	-	-	-	-	3,8
2017-2018	3	3	-	-	2	67%	1	33%			2,4
6M081000 - Land Reclamation, Land Reclamation and Land Protection											
2015-2016	4	4	4	100%	-	-	-	-	-	-	3,9
2016-2017	2	2	2	100	-	-	-	-	-	-	4,0
2017-2018	1	1	1	100							3,33

6D081000 – Land Reclamation, Land Reclamation and Land Protection											
2015-2016	2	2	2	100%	-	-	-	-	-	-	4,0
2016-2017	-	-	-	-	-	-	-	-	-	-	-
2017-2018	-	-	-	-	-	-	-	-	-	-	-

Places of practice correspond to the profile of the specialty, all practices are provided with teaching materials, the internship is recorded in the form of diaries and reports that are recorded and executed in accordance with the requirements. In order to centralize the provision of students with internship places by the university and departments, work is underway to conclude long-term contracts with various institutions and organizations.

According to the educational program 5B081000 - Land Reclamation, Land Reclamation and Protection 5B080500 - Water resources and water use, agreements on bases of practice were concluded with the possibility of subsequent employment with the Kyzylorda branch of RSW "Kazvodhoz" and the Kazakh Research Institute of Rice Production named after I.Zhahaev, as well as passing an industrial practice with the possibility of subsequent employment with the RSE "United Directorate of construction enterprises" Aral ", the regional state-owned enterprise" Kyzylordavodhoz ", the Aral-Syrdarya basin oh inspection and others

According to the educational program 6M081000 - Land reclamation, recultivation and protection of land 6M080500 - Water resources and water use for passing research and production practice agreements on bases of practice were concluded with the possibility of subsequent employment with the Kazakh Research Institute of Rice named after I.Zhahaev.

Analytical part

In the university, work began on the formation of an individual educational trajectory of students on the EP. However, innovative methods of teaching and conducting professional practices are not sufficiently applied. Demonstrated mechanisms for assessing learning outcomes, appeals, transparency of criteria and assessment tools.

The management of EP provides students with transparency and accessibility to the results of the assessment, the ability to assess the professional qualities of the teaching staff, as well as the level of material and technical support of the educational process. However, the majority of students do not know enough about their abilities when choosing an individual trajectory, as well as choosing a teacher, scientific leaders and the form of final certification.

According to the results of surveys of heads of practice bases, it was revealed that students show a sufficient level of theoretical and practical training, the ability to apply and use the knowledge gained at the university, to solve practical problems.

Analysis of the survey of employers in the interviewing process shows 100% satisfaction of employers with university graduates. According to employers, graduates of specialties 5B081000, 6M081000 - Land reclamation, land reclamation and protection and

5B080500, 6M080500 - Water resources and water use possess the necessary knowledge and skills in work, note sufficient professional level and personal qualities of young professionals.

The documents of the department are not enough information about who justifies the need to use active learning methods, who decides on the possibility of their use.

It was revealed that there are no examples of taking into account the individual characteristics, needs and cultural experience of students when choosing a base of practices.

The minutes of the department meetings and methodological councils little reflect questions of feedback from students' reaction to assessment, questions of anonymity of assessment results and psychological comfort of assessment procedures.

Own researches in the field of teaching disciplines of educational institutions are not sufficiently and practically absent.

The strengths of the EP are:

- there are no strengths according to this standard

Recommendations of the EEC for EP 5B081000 - Land Reclamation, Land Reclamation and Protection; 6M081000 - Land Reclamation, Land Reclamation and Land Protection; 6D081000 - Land Reclamation, Land Reclamation and Land Protection; 5B080500 - Water resources and water use; 6M080500 - Water resources and water use:

- to intensify the conduct of their own research of teachers in the field of teaching methods of educational disciplines of EP;
- in addition to those used in the educational process, to expand the use of various forms and methods of teaching academic subjects of EP;
- to improve the data on the bases of practices of undergraduate and postgraduate study programs: selection criteria, description, provision of modern equipment.

Conclusions EEC on the criteria:

According to the standard "Student-centered learning, teaching and assessment of progress", 10 criteria are disclosed, of which the educational program being accredited is 5B081000, 6M081000 and 6D081000 - Land reclamation, recultivation and protection of lands and 5B081000, 6M081000 - Water resources and water use: have 9 satisfactory positions and 1 an improvement.

6.6 Standard "Students"

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

**The EP's management should demonstrate the implementation of special adaptation and support programs for new-comers and foreign students.*

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

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

**The EP's management should demonstrate the presence 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 training.*

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

**The EP's management should make the maximum amount of efforts to provide trainees with practical training places, facilitate the employment of graduates, and maintain communication with them.*

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

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

**The EP's management should actively encourage students to educate themselves and develop outside the main program (extracurricular activities).*

**An important factor is the presence of a valid alumni association / association.*

**An important factor is the availability of a support mechanism for gifted students.*

The evidence part

The policy of forming a contingent in a higher education institution is governed by the Model Rules for Admission to Education in Educational Organizations Implementing Educational Programs of Higher and Postgraduate Education, approved by Decree of the Government of the Republic of Kazakhstan No. 109 of January 19, 2012 (as amended and added as of 07.26.2017)

Admission is carried out on the applications of applicants on a competitive basis, in accordance with the points of the certificate issued on the basis of the UNT or CT. The recruitment procedure and crediting rules for transfers from another institution of higher education are carried out in accordance with the Rules for Transfer and Reinstatement of Students in Educational Institutions (No. 638 of December 9, 2008).

Enrolled in the university are provided with a reference guidebook student KSU them. Korkyt Ata, approved by the first vice-rector from 03/03/2018, and for enrolled students an introductory course is conducted. Trainees are introduced to the "Internal Rules of Students at KSU. Korkyt Ata. The university created the conditions for social support of students.

The contingent of students is formed from groups, training in which is conducted in the state, Russian languages by full-time and correspondence. The University conducts systematic work on the collection and analysis of statistical data on the contingent of students and graduates (Table 7).

Table 7

The contingent of students of the educational program EP
6D081000 - Land Reclamation, Land Reclamation and Land Protection

Study form	The contingent of students					
	2015/2016 academic year		2016/2017 academic year		2017/2018 academic year	
	κ/g	r/g	κ/g	r/g	κ/g	r/g
Full-time	2	-	2	-	4	-
Number of grants	2	-	2	-	4	-
TOTAL	2		2		4	

Table 8

6M081000 - Land Reclamation, Land Reclamation and Land Protection

Study form	The contingent of students					
	2015/2016 academic year		2016/2017 academic year		2017/2018 academic year	
	κ/g	r/g	κ/g	r/g	κ/g	r/g
Full-time	8	-	7	-	7	-
Number of grants	8	-	7	-	7	-
TOTAL	8		7		7	

Table 9
5B081000– Land Reclamation, Land Reclamation and Land Protection

Study form	The contingent of students					
	2015/2016 academic year		2016/2017 academic year		2017/2018 academic year	
language of instruction	κ/g	r/g	κ/g	r/g	κ/g	r/g
full-time	94	-	80	-	68	-
remote	-	-	1	-	1	-

Table 10 The contingent of students of the educational program
5B080500 - Water resources and water use

Study form	The contingent of students					
	2015/2016 academic year		2016/2017 academic year		2017/2018 academic year	
language of instruction	κ/g	r/g	κ/g	r/g	κ/g	r/g
full-time	44	-	53	-	46	-
remote	3	-	3	-	9	-
TOTAL	27		52		44	

Table 11
6M080500 - Water resources and water use

Study form	The contingent of students					
	2015/2016 academic year		2016/2017 academic year		2017/2018 academic year	
Full-time	κ/g	r/g	κ/g	r/g	κ/g	r/g
	12	-	12	-	16	-
Number of grants	12	-	12	-	16	-
TOTAL	12		12		16	

Analysis of the student population by regions showed that they study not only from the Kyzylorda region, but also from the neighboring regions of Kazakhstan: Aktobe, Aktau, and Atyrau regions.

The organization of educational work is carried out in accordance with the normative materials of the MES RK. In order to ensure the growth of the quality of the educational services provided, a systematic survey is conducted regarding the satisfaction of students with the quality and conditions of education.

Student scientific work, educational and creative workshops are one of the forms of organization of research work of students (Table 12).

Table 12 Number of scientific publications of students (for the academic year)

Educational program	2015/2016	2016/2017	2017/2018
5B080500 - Water resources and water use, 5B081000 - Land reclamation, restoration and protection of land	6	7	3
6M080500 - Water resources and water use, 6M081000 - Land reclamation, restoration and protection of land	27	16	10
6D081000 - Land reclamation, restoration and protection of land	31	20	-

At the department, students, along with undergraduates and doctoral students, take part in research works, the results of which publish scientific papers: articles, monographs, textbooks, etc. So, in 2014, a doctoral student of the MROZ-12-1d group, P. U. Bulanbaeva, undergraduates of the MROZ-12-1m group, Baydaliev, A.T, MROZ-13-1m, Tursynbaeva, A. Aybekkyzy, students of the VRV- group 12-1 Beketov ZH.Z, Kalu E.S. participated in a research project on the theme "Development of an ecologically optimal regime of rice irrigation on the irrigation systems of the Kyzylorda region", funded by the Scientific Committee of the Ministry of Education and Science of the Republic of Kazakhstan and designed for three years under the supervision of Prof. Koshkarov S.I.

The department of "Water Management and Land Management" operates a student scientific circle "Zhas ameliorator", created in 2014, which includes students and undergraduates of accredited educational programs "Land Reclamation, Recultivation and Protection" and "Water Resources and Water Use" and participate in contests and exhibitions. For example, students of EP 5B081000 - Land Reclamation, Recultivation and Land Protection presented their scientific work at the exhibition "Competition of Projects and Achievements of Scientific Student Circles" organized by the University on April 25, 2018. As a result, the works of students of the group MROZ-14-1 K. Abzhymi (scientific adviser Daldabayeva G.T.) and MROZ-15-1 B. Yesengagylova (scientific adviser Shomantayev A.A) were noted.

The student government of the university is well developed. University students cooperate with youth organizations in the city, region, participate in contests, festivals, meetings, literary readings, conferences.

The website of the university offers information on educational activities, news and announcements about the life of the university.

Students, undergraduates and doctoral students of the department have the opportunity to participate in various programs of academic mobility (Table 13) . Within the framework of the implementation of the academic mobility program aimed at improving the quality of education, expanding ties between universities and strengthening international cooperation, the Department of Water Management and Land Management collaborates with the All-Russian Research Institute of Hydraulic Engineering and Land Reclamation named after A.N. Kostyakov, Moscow State Agroengineering University named after VP Goryachkin, Kazan State Agrarian University, Kazakh National Agrarian University and the universities of Silesia and Lodz (Poland) and signed a cooperation agreement.

Table 13

Data on academic mobility

No	Fullname of student	Academic Year	Group	University/Country	Study Period
5B081000 – Land Reclamation, Recultivation and Protection					
1	Zhylykibay Ayazhan	2016-2017	MPO3-14-1	Kazakh National Agrarian University, Almaty	01.09.2016-31.12.2016
2	Berdibekov Sharbanu	2017-2018	MPO3-15-1	Kazakh National Agrarian University, Almaty	№2407 04.09.2017-31.12.2017
3	Kairat Ulzhan	2017-2018	MPO3-15-1	Kazakh National Agrarian University, Almaty	№2408-, 04.09.2017-31.12.2017
5B080500 – Waterresourcesandwateruse					

1	Rysbek Raushan	2017-2018	BPB-16-1	University of Silesia, Republic of Poland, Katowice	№2022-21.11.17
2	Shayzada Aidana	2017-2018	BPB-16-1	University of Silesia, Republic of Poland, Katowice	№2022-, 21.11.17
3	Rysbek Raushan	2018-2019	BPB-16-1	Kazakh National Agrarian University,	03.09.2018-31.12.2018
6M080500 - Water resources and water use					
1	Bazarbayeva Aynur	2014-2015	BPB-13-1M	University of Lodz, Republic of Poland, Lodz	№4022-, of 13.11.2014
2	Yerekenov Nurtugan	2018-2019	BPB-17-1M	University of Lodz, the Republic of Poland, Lodz	№1001-of 25.08.2018. 03.09.2018-31.12.2018
3	Bakilbek Aigul	2018-2019	BPB-17-1M	University of Lodz, Republic of Poland, Lodz	№1001 of 25.08.2018. 03.09.2018-31.12.2018

The university has a graduate employment promotion service. The university pays attention to the monitoring of annual employment and direct and feedback from the labor market, which allows to monitor the compliance of strategic plans with the actual demand in the educational market.

An important factor in promoting the employment of graduates (Table 14) is the further support of communication with them through the website www.korkyt.kz. The university holds an annual job fair for future graduates, where representatives of enterprises, institutions and organizations of the city and region take part.

Table 14

Graduate Employment Indicators

Specialty	2016-2017 год				2017-2018 год			
	Number	Employed, %			Number	Employed%		
	Total ft/dt	ft	dt		Total	f/t	d/t	Total
5B080500 - Water resources and water use	17/2	98	100	99	9/3	92	100	96
5B081000 - Land Reclamation, Reclamation and Land Protection	18	98	-	98	39	87	-	87
6M080500 - Water resources and water use	5	100	-	100	3	100	-	100
6M081000 - Land improvement, recultivation and land protection	3	100	-	100	1	100	-	100

6D081000	- Land reclamation, restoration and protection of land	2	100	-	100	-	-	-	-
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The results of the survey of students conducted during the visit of the EEC IAAR, showed that:

- availability of academic counseling “Fully Satisfied” - 68.5%, “Partially Satisfied” - 29.2%, “Partially Not Satisfied” - 1.4%, “Not Satisfied” - 0.7%;

- responsiveness to feedback from teachers regarding the educational process “Fully satisfied” - 72.0%, “Partially satisfied” - 25.9%, “Partially dissatisfied” - 4.2%, “Not satisfied” - 1.4 %

Analytical part

The policy of forming a contingent at a higher educational institution is regulated and reflected in the Academic Policy of a higher education institution. The principles of creating an educational environment for students to achieve the required professional level, methods of feedback and informing students, aspects of the cultural and social life of students are presented. The university assesses communication with employers; patriotic, civil, spiritual, moral, sports and recreational activities are held; students actively participate in youth creative and research competitions and conferences.

As part of the accredited EP, the university is currently implementing a program of academic mobility, in which some students participate. At the same time, in terms of academic mobility of students, outbound external mobility prevails, which indicates that KSU im. KorkytAta by foreign students.

The department has created a graduate employment base, which allows to analyze their movement, relevance and success, to trace career growth.

The Commission notes the weak activity of the participation of students in EP in the implementation of contractual and state budget funded R & D.

There is no section on the website of the university contributing to the effective “postgraduate support”, monitoring the career growth of graduates, and organizing work with employers.

On the website of the university there is no electronic portfolio of personal achievements of students in the personal account.

The educational process has a weak focus on the development of students' communicative abilities, teamwork skills, and the presentation of educational and scientific materials in oral and written form.

The strengths of the EP:

- EP management demonstrates full transparency of the contingent formation procedures from admission to release. Procedures related to the regulation of the life cycle of students have documentary and procedural design, and are available to all interested parties;

- each graduate is provided with documents of the established sample, which include confirmation of the acquired qualifications, achieved results, the status of education received and evidence of its completion;

- The leadership of the EP makes the maximum amount of effort to provide students with places of practice, to facilitate the employment of graduates, to maintain communication with them.

- created the conditions necessary for the effective development of the selected educational program in accordance with their interests and needs, providing the appropriate resources (library, consulting, information, etc.);

Recommendations of the EEC for EP 5B081000 - Land Reclamation, Land Reclamation and Protection; 6M081000 - Land Reclamation, Land Reclamation and Land Protection; 6D081000 - Land Reclamation, Land Reclamation and Land Protection; 5B080500 - Water resources and water use; 6M080500 - Water resources and water use:

- to increase the level of participation of students in the implementation of contractual and state budget financed SRW on EP;
- to increase the academic mobility of students in the framework of the EP by the following specialties: 5B081000 - Land reclamation, recultivation and protection of land; 6M081000 - Land Reclamation, Land Reclamation and Land Protection; 6D081000 - Land Reclamation, Land Reclamation and Land Protection; 5B080500 - Water resources and water use; 6M080500 - Water resources and water use by increasing the number of domestic and foreign universities-partners in the implementation of EP;
- pay attention to the development of academic mobility due to visitors to KorkytAta KSU domestic and foreign students;
- to intensify work on the development of students' communicative abilities, teamwork skills, presentations of educational and scientific materials in oral and written form;
- to provide a mechanism for the effective "postgraduate support" of students, monitoring the career growth of graduates, and organizing work with employers.

Conclusions EEC on the criteria:

According to the "Students" standard, 12 criteria are disclosed, of which the educational program being accredited is 5B081000, 6M081000 and 6D081000 - Land reclamation, recultivation and land protection and 5B081000, 6M081000 - Water resources and water use: they have 1 strong, 10 satisfactory positions and 1 suggest improvement.

6.7 Standard "Teaching staff"

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

**The university should demonstrate the compliance of the staff potential of the faculty with the development strategy of the university and the specifics of the EP.*

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

The EP's management must demonstrate a change in the role of the teacher in connection with the transition to student-centered education.

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

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

The EP's management should involve practitioners from relevant fields in the teaching.

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

**The university should demonstrate the motivation of professional and personal development of teachers of EP, including the promotion of both the integration of science and education, and the use of innovative teaching methods.*

☐An important factor is the active use of teaching staff in the educational process (for example, on-line learning, e-portfolio, MoEP, etc.).

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

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

The evidence part

The Commission got acquainted with the qualitative and quantitative composition of the teaching staff of the EP, planning the load of teaching staff, monitoring the quality of teaching, methods of assessing the satisfaction of teaching staff and students, and the policy of forming the staff of teaching staff.

Recruitment and assessment of the faculty is carried out on the basis of the Order of the Minister of Education and Science of the Republic of Kazakhstan dated April 23, 2015 No. 230 (with changes and additions dated 04.10.2018, No. 536) "On approval of the rules for competitive filling of faculty posts and university researchers. "

The university ensures the completeness and adequacy of individual planning of the work of teaching staff for all activities, monitoring the effectiveness and efficiency of individual plans. The calculation of the complexity of the study load is based on the working curricula of the educational program of specialties, according to the Rules for the organization of the educational process on the credit technology of education.

According to the results of the teaching staff survey conducted in the framework of the activities of the EEC of the IAAR, it is noted that the university provides teachers with the opportunity for continuous capacity development on "Excellent" (50.0%) and "Good" (45.1%).

According to the staff list of the EP are staffed with faculty for the entire period of study. Indicators on the qualitative and quantitative composition of teaching staff confirm compliance with the qualification requirements necessary for the implementation of accredited educational programs. The university also attracts production specialists from the sector of the economy, agriculture and water management to conduct classes, for example, in the period 2014-2016. on a regular basis, the director of the Kazakh Rice Research Institute named after I.Zhahaev, lecturer, lectured to students, undergraduates and doctoral candidates. S.I. Umirzakov. In connection with the introduction, at the suggestion of employers, of the elective discipline "Geoinformation systems in water management" in 2018 to give lectures to students of specialties 5B081000-Land Reclamation, Land Reclamation and Protection, 5B080500-Water Resources and Water Use was accepted to the position of Director of Kyzylorda Branch of RSE "Gosgradkadastr" , Master of Economics and Business Nalibayev B.ZH.

The average indicator of the degree of faculty of the faculty of the department issuing accredited educational programs is 59% (Table 15).

To monitor the competence of the university staff by the administration, the personnel department and the heads of the relevant structural divisions

Table 15

The number of faculty as of 11/01/2018

Graduate department Average age Total PPP Amount
full-time

ППС ППС with scientific degrees

Number of staff

Faculty with PhD degrees Ph.D.%
degrees

"Water Management and Land Management" 51 22 20 13 2 11 59

In order to improve the personnel policy and stimulate active professional growth, the University developed the Regulation on the personnel reserve of staff and teaching staff (2016).

The department has young teachers who have graduated from the magistracy.

According to the results of the survey of faculty members, organized by the EEC of the IAAR, teachers estimate the support of the university and its management in faculty research projects at “very good” - 49.0%, “good” - 48.0%.

The results of scientific studies of teachers are reflected in scientific articles, published journals, presentations at scientific conferences at various levels, etc. There are currently no funded R & D on the accredited EPs.

Table 16

Number of scientific publications of the faculty of the department	2015/2016	2016/2017	2017/2018
In international scientific journals Tomson Reuters, Scopus	-	-	8
High-ranking journals (RISC, etc.)	3	1	4
Magazines recommended by KKSON MES RK		1	9
Journals near and far abroad	3	6	4
International conferences	10	1	25
Monographs	1		
Tutorials			1
Electronic textbooks	3		
Patent	1		4
Total	20	9	55

The state of the moral and psychological climate at the department is characterized by stability, creative attitude to the performance of their duties. Labor and performing discipline at the proper level. University professors take an active part in the public life of the city and the Republic.

A survey of faculty members conducted during the visit of the EAP IAAR showed that:

- the level of feedback of the faculty with management satisfies to “excellent” - 46.1%, “good” - 52.9%;
- Teachers can use their own innovations in the learning process on “excellent” - 69.6%, “good” - 28.4%;
- How is work on academic mobility put at “very good” - 47.1%, “good” - 51.0%;
- How is the work on advanced training of teaching staff set for “excellent” - 52.9%, “good” - 52.9%;
- The involvement of faculty in the process of making managerial and strategic decisions on “excellent” - 41.2%, “good” - 39.2%.

Table 17

Advanced training in educational programs

Graduate department	2014-2015			2015-2016			2016-2017			2017-2018		
	Total staff	Improved qualifications	Percent, %	Total staff	Improved qualification	Percent, %	Total staff	Improved qualification	Percent%	Total staff	Improved qualification	Percent

Water management and land management	22	5	22,7	19	3	15,8	18	3	16,7	22	6	27
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Analytical part

The faculty of the university on the degree of special and major disciplines, IT-competence is fully consistent with the requirements. The information on some teachers on the university website (scientific directions, disciplines, etc.) is insufficiently presented. The experts noted the need to improve the professional skills of personnel on an ongoing basis in the areas of specialization in the leading scientific centers of the Republic of Kazakhstan and abroad. Also, members of the EEC revealed the following:

- there is no work plan aimed at increasing the level of proficiency of the faculty in foreign languages and providing for the development, publication and acquisition of specialized literature;

- in the staff of the faculty a small proportion of young teachers with academic degrees and titles;

- there is no information about the subjects taught in English and teachers who teach such disciplines;

- there is no information on stimulating the introduction of staff innovations and information technologies in the educational process;

- information on academic mobility of faculty show the prevalence of invited foreign specialists in comparison with the teachers of KorkytAtaKSU, traveling to give lectures to foreign universities;

- according to the documents of the department, the role of teachers of foreign countries in conducting joint scientific research of the department remains unclear;

- there are no criteria for the selection of practicing teachers and foreign scientists involved in teaching in the framework of the EP.

- The results of scientific studies of teachers have not a sufficiently high level of publication activity, the degree of participation of teaching staff in scientific work is insufficient. A small number of scientific publications in journals recommended by KKSON MES RK, and journals with Impact Factor.

The strengths of the EP are:

- for the implementation of educational programs, the department has a qualified staff of teaching staff;

- Korkyt Ata KSU is responsible for its employees, provides them with favorable conditions for work. The activity of the university in this direction is reflected in the Charter of the Korkyt Ata KSU, in the wage system;

- to lecture on accredited EP attracted experts from the industry, agriculture and water management .;

- the university provides opportunities for career growth and professional development of teaching staff of the EP (internships, advanced training, doctoral studies);

- The leadership of the EP provided targeted action for the development of young teachers.

Recommendations of the EEC for EP 5B081000 - Land Reclamation, Land Reclamation and Protection; 6M081000 - Land Reclamation, Land Reclamation and Land Protection; 6D081000 - Land Reclamation, Land Reclamation and Land Protection; 5B080500 - Water resources and water use; 6M080500 - Water resources and water use:

- as part of the implementation of the state multilingual program for the accredited EPs, develop a work plan aimed at increasing the level of proficiency of the faculty in foreign languages and providing for the development, publication and acquisition of specialized literature;
- to ensure the active use of information and communication technologies faculty in the educational process (for example, on-line training, e-portfolio, MEP, etc.);
- to increase the external academic mobility of teaching staff by increasing the share of teaching staff of KSU named after KorkytAta;
- to increase the role of teachers of foreign countries in conducting joint scientific research of the department;
- to increase the level of publication activity, to increase the number of scientific publications in journals recommended by KKSON MES RK, and journals with the Impact Factor;
- develop clear criteria for the selection of practicing teachers and foreign scientists involved in teaching in the framework of EP.

Conclusions EEC on the criteria:

According to the standard "Teaching staff", 12 criteria are revealed, of which educational programs being accredited are 5B081000, 6M081000 and 6D081000 - Land reclamation, recultivation and protection of lands and 5B081000, 6M081000 - Water resources and water use: they have 4 strong, 7 satisfactory positions and 1 assume an improvement.

6.8 Standard "Educational Resources and Student Support Systems"

**EP management must demonstrate the adequacy of material and technical resources and infrastructure.*

**The EP's management must demonstrate the presence of support procedures for various groups of students, including information and counseling.*

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

- *technological support for students and teaching staff in accordance with educational programs (for example, online training, modeling, databases, data analysis programs);*
- *library resources, including the fund of educational, methodical and scientific literature on general educational, basic and major disciplines on paper and electronic media, periodicals, access to scientific databases;*

- *examination of research results, final papers, dissertations on plagiarism;*

- *access to educational Internet resources;*

- *WI-FI functioning on the territory of the educational organization.*

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

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

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

The evidence part

The University carries out educational activities on the basis of a long-term strategic document "Strategic Development Plan of KSU named after KorkytAta for 2017-2021." The resources of university studies correspond to the implementation plans of the study program: human, material, technical, and socio-cultural. The software used to organize the educational process, creating and displaying information content is presented.

EP is provided with a fund of educational, methodical and scientific literature on general educational, basic and major disciplines on paper and electronic media in the context of the state and Russian languages of instruction.

Sufficient conditions have been created to ensure the availability and quality of education, to constantly improve the skills of teaching staff and improve the efficiency of EP management at the university. Logistical, informational and socio-cultural resources correspond to the activities, mission, vision and strategy of the University and the implementation plans of the EP.

For the organization of educational activities, students are provided with a reference guide. The university has regulatory documentation on the organization and teaching and methodological support of the educational process, the organization of research and educational work, available to students in the library of the university, the department and the internal website of the university.

The University has a student support service, which for all categories of students provides an opportunity to familiarize themselves with the requirements for the educational process, financial discipline, behavior, get advice, form an individual educational trajectory, organize independent work, get access outside working hours in reading rooms and computer classes, to take part in the work of public associations and university management.

For an effective and regular analysis of the adequacy of resources and support systems for students at the university, sociological research is conducted. The degree of satisfaction and wishes of students for educational programs, level of teaching and social conditions are identified.

Educational classrooms meet sanitary and hygienic standards imposed on educational audiences of universities of the Republic of Kazakhstan. The existing classroom fund of specialty specialties in general provides for the need for training rooms for students, which ensures the organization of training sessions. The total training area used complies with the standard indicators, standards of sanitary and fire service. There are conclusions SES and fire services.

The library as a whole is provided with literature in all specialties of the university. The library fund is constantly updated with UML, periodical literature. There is a collection of literature on electronic and magnetic media. The electronic library fund has access from each computer of the university.

The fund of educational literature is 1775755 copies, of which in the state language - 936245. The fund of educational and methodical literature is 184098 copies, of which in the state language - 94805. The fund of scientific literature is 242630 copies, of them in the state language.

The scientific foundation of the university library includes monographs, encyclopedias, dictionaries, reference books, commentaries, literary works studied according to the program, laws, regulations, periodicals, including heralds of educational organizations, collections of scientific papers of international conferences corresponding to the training profile (Figure one).

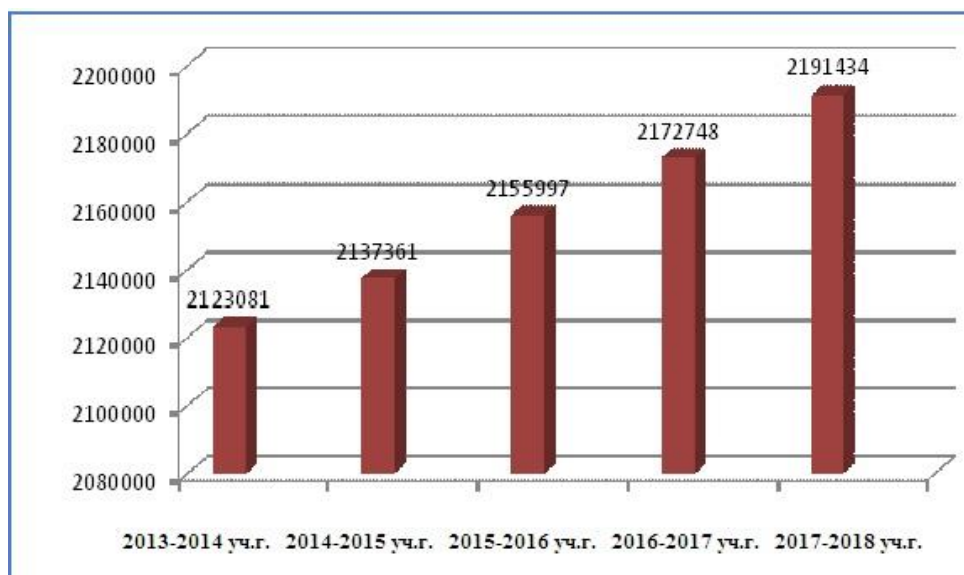


Figure 1. The dynamics of increasing library stock

Information about the provision of disciplines to the funds of educational and scientific literature for the full academic cycle, based on the reduced contingent of accredited EPs for the 2018-2019 academic year, is presented in Table 18.

Table 18

Information about the provision of disciplines to the funds of educational and scientific literature for the full educational cycle in the calculation of the given contingent on accredited EP

Number of students	Cycle of disciplines	Literature	Per student
5B080500, 6M080500 - "Water resources and water use"			
53	Cycle of general education	3478	164
	The cycle of basic disciplines	3304	
	The cycle of majors total	1914	
Total		8696	
5B081000, 6M081000, 6D081000- "Land Reclamation, Recultivation and Land Protection"			
78	Cycle of general education	3478	111
	The cycle of basic disciplines	3304	
	The cycle of majors	1914	
Total		8696	

The educational process is provided by professional computer programs: Operating system, Office software package, Graphic editors, Audio-Video editors, Software for web-design and creation of visual projects, Desktop publishing system, Database management system, Anti-virus programs.

An important direction in the activities of the university is the support and improvement of the entire technical base of computers, servers and services aimed at automating educational processes and control. An important priority is the creation of a unified educational information environment that allows, through the use of information and communication technologies, to improve the quality of students' knowledge, as well as integrate the information structure with the systems and standards of the ministry,

The University has its own WEB-portal (www.korkyt.kz.) In the Internet, which provides access to a single information and educational environment of the university.

Students have access to training materials and tasks through personalized IR (also available during extra-curricular activities). With the help of AIS "Platonus", technological support for students and teaching staff is provided.

Table 19

Information about the information security of KorkytAtaKSU

Name of indicator	Indicator
Network connection	Yes
Internet connection speed of at least INTERNET1 Mbps 96 Mb / s	96 Мб/сек
The number of local networks	1
Общее количество единиц вычислительной техники (шт)	1017
The total number of units of computer technology (pcs)	887
The number of units of computing equipment used in the educational process (pcs)	887
Total number of computer classes	27
Availability of university electronic library	http://www.ikitap.kz/

The results of a student survey conducted during the visit of the EEC IAAR showed:

- availability of computer classes and Internet resources: "Fully satisfied" - 67.1%, "Partially satisfied" - 30.8%, "Partially dissatisfied" - 0%, "Not satisfied" - 0%;
- high quality of services provided in libraries and reading rooms: "Fully satisfied" - 91.7%, "Partially satisfied" - 8.3%, "Partially dissatisfied" - 2.1%, "Not satisfied" - 0%;
- satisfaction with the existing educational resources of the university: "Fully satisfied" - 75.5%, "Partially satisfied" - 19.6%, "Partially dissatisfied" - 3.5%, "Not satisfied" - 0.7%.

Analytical part

In general, educational resources and student support systems comply with regulatory requirements: there are necessary computer labs, workshops and laboratories equipped with training equipment.

For implementation of EP 5B080500 / 5M080500 –Water Resources and Water Use, 5B081000- / 5M08100 / 6D081000 - Land Reclamation, Recultivation and Land Protection The Faculty of Engineering and Technology (the 5th academic building) has the necessary classroom fund, computer classes, sports halls, a rich book fund .

Within the framework of the accredited EP, there is a specialized reading and electronic hall (No. 410) "RMEB", which is fully equipped with necessary equipment for students, such as stands, computers, educational and methodical products (textbooks, books, card files, audio-video materials and much more), which helps both the teacher and the student in the assimilation of educational material.

The university provides an opportunity for the development of inclusive education and for remote consultation on the subjects being studied.

During the visit, the EEC did not demonstrate the possibility of using the Platonus system for the development of EP.

EEC notes that in the operation of educational equipment safety requirements are taken into account. The total training area used is fully compliant with the standard indicators, standards of sanitary and fire service. There are conclusions SES and fire services.

The Commission notes that:

- there is no information about the regular analysis of the adequacy and adequacy available to the EP audiences, laboratories, computer equipment, software, financial resources, production practices databases, etc. (minutes of meetings of collegial bodies, decisions);
- not enough information about the enforcement of copyright when placing educational material in the public domain;
- the information provided on the book fund of the library of the Korkyt Ata KSU does not reflect their sufficiency in the state and foreign languages under the specialty 5B080500, 6M080500 - "Water resources and water use";

The strengths of the EP are:

- there are no strengths according to this standard

Recommendations of the EEC for EP 5B081000 - Land Reclamation, Land Reclamation and Protection; 6M081000 - Land Reclamation, Land Reclamation and Land Protection; 6D081000 - Land Reclamation, Land Reclamation and Land Protection; 5B080500 - Water resources and water use; 6M080500 - Water resources and water use:

- ensure regular analysis of the adequacy and adequacy of the auditoriums, laboratories, computer equipment, software, financial resources, production practices databases, etc. (minutes of meetings of collegial bodies, decisions);
- improve the mechanism for ensuring compliance with copyright when placing educational material in the public domain;
- ensure the sufficiency of the book fund of the library of KSU named after. Korkyt Ata in the Kazakh and English languages according to the EP specialties: 5B081000 - Land reclamation, restoration and protection of lands; 6M081000 - Land Reclamation, Land Reclamation and Land Protection; 6D081000 - Land Reclamation, Land Reclamation and Land Protection; 5B080500 - Water resources and water use; 6M080500 - Water resources and water use.

Conclusions EEC on the criteria:

According to the standard "Educational resources and student support systems", 10 criteria are disclosed, of which educational programs being accredited are 5B081000, 6M081000 and 6D081000 - Land reclamation, recultivation and land protection and 5B081000, 6M081000 - Water resources and water use: have 10 satisfactory positions.

6.9 Public Information Standard

**The information published by the university within the framework of the EP should be accurate, objective, relevant and should include:*

- implemented programs, indicating the expected learning outcomes;
- information on the possibility of assigning qualifications at the end of the EP;
- information on teaching, learning, assessment procedures;
- information about the scores and training opportunities provided by students;
- information on graduate employment opportunities.

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

**Public awareness should provide support and clarification of the country's national development programs and the system of higher and postgraduate education.*

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

**The university should demonstrate the information on the web resource describing the university as a whole and in the context of educational programs.*

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

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

**The university should post information and links to external resources on the results of external assessment procedures.*

**An important factor is the participation of the university and implemented EP in a variety of external assessment procedures.*

The evidence part

The university presents relatively diverse ways of disseminating information: the official website of the university (www.korkyt.kz), social networks, periodicals, directories, media, information banners and brochures that post relevant information to inform the public and stakeholders.

Information materials about the university are placed in the media - in the republican and regional print media, on regional and city television. To inform the public, modern information systems, information and communication technologies and software are used.

On the formation of a positive image of Korkyt Ata KSU is influenced by the active dissemination of information about its activities. The university has created a single information-analytical and socially-oriented environment, there is an information department.

Information is posted on the university website, in the news section and in thematic sections; information, analytical, image and other materials are prepared and placed in the media.

Structural units of the university, performing organizational, managerial and informational and analytical functions, are responsible for collecting information, organizing events for access to data of scientific, educational and educational information; monitoring and analysis of the state of informatization of education and management activities, etc: office-registrar, educational unit, information technology department.

The university has a vocational guidance department, where there are materials about the departments. The department organizes various events throughout the year: meetings with graduates of schools and colleges in the city and the region, advertising the university, preparing booklets, placing commercials on television, radio and other media.

There is a system of informing all employees, faculty, students and undergraduates through both paper and electronic distribution of internal and external documents to departments, publishing the necessary information on the university website, posting information and announcements on information boards in the state and Russian languages, informing managers and interested persons at meetings and meetings, through direct mailing by e-mail, etc.

Open days, university-based job fairs, exhibitions of achievements and demonstrations of new technologies and equipment introduced, career guidance events, booklets, promotional and promotional materials are held.

The site provides an opportunity to go to the rector's blog, write a complaint, get advice on issues of interest. Feedback forms at the university: questioning, the system of consideration of proposals. On the personal pages of the rector and vice-rectors in the directions posted information about the hours of admission on personal matters. Suggestions and recommendations may be made at meetings of collegial bodies that include students and teachers.

The university management pays enough attention to the presence of a communication mechanism with students, staff and other persons interested in the activities of the university.

The survey of faculty members conducted during the visit of the EEC of the IAAR showed that the faculty members are generally satisfied with the work of the Internet. Lack of access to the Internet: "never" - 3.9%, "sometimes" - 4.9%, "often" - 47.1%.

Analytical part

Analysis of the content of the website of the university has allowed to establish that there is no transparency of information on the consideration of complaints for consumers on the website of the university; information on interaction with scientific / consulting organizations and educational organizations implementing similar educational programs is not provided; The transparency of complaints handling information is not reflected.

Also on the website of the university is not published audited financial statements in the context of the accredited EP.

On the website of the university there is no information about the possibility of assigning qualifications at the end of the EP, assessment procedures, employment opportunities for graduates and their career growth;

On the university website there is no free access to information about the student contingent.

On the website of the Department of "Water Management and Land Management" information about the teaching staff involved in the implementation of the EP is incomplete.

On the website of the Department of "Water Management and Land Management" there is no information about the planning of publication activity of faculty members in the EP.

The strengths of the EP are:

- participation of the university and the implemented EP in a variety of external assessment procedures.

Recommendations of the EEC for EP 5B081000 - Land Reclamation, Land Reclamation and Protection; 6M081000 - Land Reclamation, Land Reclamation and Land Protection; 6D081000 - Land Reclamation, Land Reclamation and Land Protection; 5B080500 - Water resources and water use; 6M080500 - Water resources and water use:

- on the university website to provide free access to information about the contingent of students of Korkyt AtaKSU;

- on the website of the university to provide access to information about the interaction with scientific / consulting organizations and educational organizations that implement such EPs;

- on the website of the Department of "Water Management and Land Management" update and supplement information about the teaching staff involved in the implementation of the EP;

- on the website of the Department of "Water Management and Land Management" to place information about the planning of publication activity of faculty members in EP.

Conclusions EEC on the criteria:

According to the Public Information standard, 13 criteria are disclosed, of which the educational program being accredited is 5B081000, 6M081000 and 6D081000 - Land reclamation, recultivation and protection of lands and 5B081000, 6M081000 - Water resources and water use: have 1 strong, 11 satisfactory positions and 1 suggest improvement.

6.10 Standard "Standards in the context of individual specialties"

The evidence part

The organization of educational activities under the accredited EP is carried out through the planning of the educational process and the content of education, the choice of ways to conduct them. The balance of theoretical and practice-oriented disciplines in the implementation of EP is ensured by the fact that the study of theoretical disciplines necessarily implies their practical orientation to the educational process in accordance with general didactic principles, and the study of practice-oriented disciplines, including methodological ones, is based on fundamental theories.

According to the requirements of SES, the content of disciplines EP 5B081000 - Land Reclamation, Land Reclamation and Protection, 5B080500 - Water Resources and Water Use, Master's 6M081000 - Land Reclamation, Recultivation and Land Protection, 6M080500 - Water Resources and Water Use, Doctoral 6D081000 - Land Reclamation, Recultivation knowledge, skills and abilities obtained at the previous level of education, and are aimed at obtaining knowledge in the field of agricultural sciences, as well as scientific and professional skills and competencies.

In the process of mastering accredited EP students, the students are provided with relevant knowledge in the field of water and agriculture, and skills of communication, analysis of personality and behavior are formed in accordance with the key competencies presented in modular educational programs.

Obligatory stage of development of the educational program is the passage of practices that are divided into training and production. There are agreements on practice with the basic institutions of the city and region, where the material and technical base fully complies with the requirements for conducting production practices.

Undergraduates of EP 6M081000 - Land Reclamation, Land Reclamation and Protection, 6M080500 - Water Resources and Water Use and Doctoral Students of EP 6D081000 - Reclamation, Recultivation and Land Protection also undergo two types of practice: teaching and research.

For the improvement of the educational program, specialists from the production who have practical experience in the sectors of agriculture and water management are involved in the educational process.

The department "Water Management and Land Management" faculty of the department conducts training and methodological seminars to exchange experience, as well as advanced training, invited foreign scientists from abroad to give lectures and conduct master classes.

The management of EP provides training of students in the field of application of modern information technologies.

Analytical part

High professional level, practical experience, mobility of teaching staff - everything is aimed at achieving the main goal - improving the quality of training highly educated specialists in the field of agriculture and water management.

At the same time, the department's documents do not show how the university guarantees that the activities carried out by students during practice correspond to the upcoming professional activities.

In the minutes of the department meetings and methodological councils are not given the criteria for the selection of teachers, practitioners and foreign scientists involved in teaching in the framework of the EP.

At the same time, the commission notes:

- the number of industrial practice bases is not enough, especially for undergraduates, in the specialty EP 5B080500 - Water resources and water use;
- not enough information on the conduct of individual classes or entire disciplines in the enterprises of specialization;
- there is no information about the joint efforts of EP managers and employers to provide bases of practices with modern instruments and equipment.

The strengths of the EP are:

- The content of the disciplines of the EP is based on the knowledge and skills acquired at the previous level of education, and is aimed at obtaining knowledge in the field of agricultural sciences, as well as scientific and professional skills and competencies;
- the faculty involved in the education program includes full-time teachers with long-term experience as a staff member in enterprises in the field of specialization of the education program;
- an obligatory stage of mastering an educational program is passing of practices, which are subdivided into educational and industrial.

Recommendations of the EEC for EP 5B081000 - Land Reclamation, Land Reclamation and Protection; 6M081000 - Land Reclamation, Land Reclamation and Land Protection; 6D081000 - Land Reclamation, Land Reclamation and Land Protection; 5B080500 - Water resources and water use; 6M080500 - Water resources and water use:

- to increase the number of databases of practices for the specialty EP 5B080500 - Water resources and water use;
- to intensify the work of conducting individual classes or entire disciplines at the enterprises of specialization;
- heads of EP, together with employers to contribute to the provision of databases of practices with modern instruments and equipment.

Conclusions EEC on the criteria:

According to the standard "Standards in the context of individual specialties", 5 criteria are revealed, of which educational programs being accredited are 5B081000, 6M081000 and 6D081000 - Land reclamation, recultivation and land protection and 5B081000, 6M081000 - Water resources and water use: they have 2 strong, 3 satisfactory positions.

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

Standard "Educational Program Management

- development and the possibility of adjusting the EP Development Plans based on the analysis of the functioning and real positioning of Korkyt Ata KSU and their focus on meeting the needs of all stakeholders - the state, employers, students and teaching staff;

- The university demonstrates a clear distribution of functional and job responsibilities of staff and collegial bodies involved in the implementation of EP, including including its design, management, monitoring and improvement.

Information Management and Reporting Standard

- the university actively implements information management processes, collects and analyzes it, determines the volume, type and structure, in accordance with the mission and strategy of the university, in which students, employees and teaching staff are involved.

- the information collected and analyzed takes into account the key performance indicators of the EP, the dynamics of the contingent of students and their level of academic performance. The students' satisfaction with the implementation of the EP, the availability of educational resources, the demand for graduates in the labor market are taken into account;

- there are responsible persons responsible for its accuracy. For this work, modern information systems, information and communication technologies and software are used. The university provides full protection of information and its safety.

Standard "Development and approval of the educational program"

- The university has defined and documented procedures for the development and approval of educational programs at the institutional level;

- the management of the EP ensured the compliance of the developed EP with the established goals, including the expected learning outcomes;

- The leadership of the EP developed a model of a graduate of the EP, describing learning outcomes and personal qualities.

- EP's management provided evidence of the participation of students, faculty and other stakeholders in the development of EP, ensuring their quality (Protocols of creation and work on the management of EP of Academic Councils for Water and Agriculture);

- The leadership of the EP provided the content of academic disciplines and learning outcomes to the level of education (bachelor, master, doctorate).

Standard "Continuous monitoring and periodic evaluation of educational programs"

- documents of the department confirm the participation of students, employers and other stakeholders in the revision of the EP;

- The leadership of the EP provided a review 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.

Standard "Student-centered learning, teaching and assessment of progress"

- there are no strengths according to this standard

Standard "Students"

- EP management demonstrates full transparency of the contingent formation procedures from admission to release. Procedures related to the regulation of the life cycle

of students have documentary and procedural design, and are available to all interested parties;

- each graduate is provided with documents of the established sample, which include confirmation of the acquired qualifications, achieved results, the status of education received and evidence of its completion;

- The leadership of the EP makes the maximum amount of effort to provide students with places of practice, to facilitate the employment of graduates, to maintain communication with them.

- created the conditions necessary for the effective development of the selected educational program in accordance with their interests and needs, providing the appropriate resources (library, consulting, information, etc.);

Standard "Faculty"

- for the implementation of educational programs, the department has a qualified staff of teaching staff;

- Korkyt Ata KSU is responsible for its employees, provides them with favorable conditions for work. The activity of the university in this direction is reflected in the Charter of the Korkyt Ata KSU, in the wage system;

- to lecture on accredited EP attracted experts from the industry, agriculture and water management .;

- the university provides opportunities for career growth and professional development of teaching staff of the EP (internships, advanced training, doctoral studies);

- The leadership of the EP provided targeted action for the development of young teachers.

Standard "Educational resources and student support systems"

- there are no strengths according to this standard

Standard "Public Information"

- participation of the university and the implemented EP in a variety of external assessment procedures.

Standard "Standards in the context of individual specialties"

- The content of the disciplines of the EP is based on the knowledge and skills acquired at the previous level of education, and is aimed at obtaining knowledge in the field of agricultural sciences, as well as scientific and professional skills and competencies;

- the faculty involved in the education program includes full-time teachers with long-term experience as a staff member in enterprises in the field of specialization of the education program;

- an obligatory stage of mastering an educational program is passing of practices, which are subdivided into educational and industrial.

(VIII) OVERVIEW OF QUALITY IMPROVEMENT RECOMMENDATIONS FOR EACH STANDARD

Standard "Educational Program Management"

- to improve the material and technical base of the EP at the expense of upgrading equipment and laboratory facilities in specialized laboratories;
- to strengthen the work on raising the level of R & D for EP (currently, the department lacks funded R & D);
- enhance the role of employers and stakeholders in the implementation and development of EP;
- provide for the possibility of introducing in these specialties the process of teaching academic subjects in English in order to ensure the compliance of educational programs with the leading trends of the national education policy (multilingual education).

Standard "Information Management and Reporting"

- to ensure the adoption of management decisions based on an analysis of the facts of identifying and predicting development risks;
- to provide a mechanism for the procedure of registration and documentary consent of students, employees and faculty of the university for the processing of personal data;
- determine the criteria and systematize the assessment of the effectiveness of the effectiveness of the EP;
- to supplement the website of the university with necessary information about the educational program (creative activity of students and faculty, scientific and creative projects, etc.).

Standard "Development and approval of the educational program"

- create conditions for preparing students for professional certification;
- strictly take into account the relationship between the activities of the base of practices and the individual educational trajectory of the student when concluding contracts for the implementation of professional practices;
- consider the implementation of joint educational programs with foreign educational organizations.

Standard "Continuous monitoring and periodic evaluation of educational programs"

- organize at the department of monitoring the progress of students: how the progress of the student is determined, in which documents it is reflected;
- to ensure that the department's documents contain information on specific examples of changes made to the study program as a result of monitoring;
- provide a mechanism for informing all interested parties about any planned or taken actions regarding the EP, as well as publishing such information;
- provide a mechanism that the activities performed by students in the course of the practice correspond to the upcoming professional activity.

Standard "Student-centered learning, teaching and assessment of progress"

- to intensify the conduct of their own research of teachers in the field of teaching methods of educational disciplines of EP;
- in addition to those used in the educational process, to expand the use of various forms and methods of teaching academic subjects of EP;
- to improve the data on the bases of practices of undergraduate and postgraduate study programs: selection criteria, description, provision of modern equipment.

Standard "Students"

- to increase the level of participation of students in the implementation of contractual and state budget financed SRW on EP;
- to increase the academic mobility of students in the framework of the EP by the following specialties: 5B081000 - Land reclamation, restoration and protection of lands; 6M081000 - Land Reclamation, Land Reclamation and Land Protection; 6D081000 - Land Reclamation, Land Reclamation and Land Protection; 5B080500 - Water resources and water use; 6M080500 - Water resources and water use by increasing the number of domestic and foreign universities-partners in the implementation of EP;
- pay attention to the development of academic mobility due to visitors to KorkytAta KSU domestic and foreign students;
- to intensify work on the development of students' communicative abilities, teamwork skills, presentations of educational and scientific materials in oral and written form;
- to provide a mechanism for the effective "postgraduate support" of students, monitoring the career growth of graduates, and organizing work with employers. cational and industrial.

Standard "Faculty"

- as part of the implementation of the state multilingual program for the accredited EPs, develop a work plan aimed at increasing the level of proficiency of the faculty in foreign languages and providing for the development, publication and acquisition of specialized literature;
- to ensure the active use of information and communication technologies faculty in the educational process (for example, on-line training, e-portfolio, MEP, etc.);
- to increase the external academic mobility of teaching staff by increasing the share of teaching staff of KSU named after KorkytAta;
- to increase the role of teachers of foreign countries in conducting joint scientific research of the department;
- to increase the level of publication activity, to increase the number of scientific publications in journals recommended by KKSON MES RK, and journals with the Impact Factor;
- to develop clear criteria for the selection of practicing teachers and foreign scientists involved in teaching in the framework of EP;

Standard "Educational resources and student support systems"

- ensure regular analysis of the adequacy and adequacy of the auditoriums, laboratories, computer equipment, software, financial resources, production practices databases, etc. (minutes of meetings of collegial bodies, decisions);
- improve the mechanism for ensuring compliance with copyright when placing educational material in the public domain;
- ensure the sufficiency of the book fund of the library of KSU named after. Korkyt Ata in the Kazakh and English languages according to the EP specialties: 5B081000 - Land reclamation, restoration and protection of lands; 6M081000 - Land Reclamation, Land Reclamation and Land Protection; 6D081000 - Land Reclamation, Land Reclamation and Land Protection; 5B080500 - Water resources and water use; 6M080500 - Water resources and water use.

Standard "Public Information"

- on the university website to provide free access to information about the contingent of students of Korkyt AtaKSU;
- on the website of the university to provide access to information about the interaction with scientific / consulting organizations and educational organizations that implement such EPs;
- on the website of the Department of "Water Management and Land Management" update and supplement information about the teaching staff involved in the implementation of the EP;
- on the website of the Department of "Water Management and Land Management" to place information about the planning of publication activity of faculty members in EP.

Standard "Standards in the context of individual specialties"

- to increase the number of databases of practices for the specialty EP 5B080500 - Water resources and water use;
- to intensify the work of conducting individual classes or entire disciplines at the enterprises of specialization;
- heads of EP, together with employers to contribute to the provision of databases of practices with modern instruments and equipment.



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Appendix 1. Parameters of the specialized profile (EP 5B081000, 6M081000, 6D081000 Land Reclamation, Recultivation and Land Protection "and 5B080500, 6M080500 - " Water Resources and Water Use")

on/ n	№ on/ n	Assessment criteria	Position of educational organization			
			Strong	Satisfactory Удовлетворител	Assumes improvement	Unsatisfactory
Standard "Educational Program Management"						
1.	1.	The university should have a published quality assurance policy		+		
2.	2.	The quality assurance policy should reflect the link between research, teaching and learning		+		
3.	3.	The university should demonstrate the development of the quality assurance culture including in the context of the EP		+		
4.	4.	Commitment to quality assurance should be related to any activity performed by contractors and partners (outsourcing) including under the implementation of double diploma education and academic mobility		+		
5.	5.	The EP administration ensures the transparency of the EP development plan based on an analysis of its functioning, the real positioning of the university and the focus of its activity on meeting the needs of the state, employers, interested persons and students.	+	+		
6.	6.	The EP administration demonstrates the functioning of the mechanisms for the formation and regular review of the EP development plan and monitoring for its implementation, assessment of the achievement of learning objectives, meeting the needs of students, employers and society, making decisions aimed at continuous improvement of EP		+		
7.	7.	The EP administration should involve representatives of groups of interested persons, including employers, students and	+			

		teaching staff in the development of the EP development plan				
8.	8.	The EP administrations should demonstrate the individuality and uniqueness of the EP development plan, its consistency with the national development priorities and the development strategy of the educational organization			+	
9.	9.	The university should demonstrate a clear definition of those who are responsible for business processes within the EP framework, the unambiguous distribution of staff duties, the delimitation of the functions of collegial bodies		+		
10.	10.	The EP administrations should provide evidence of the transparency of the educational program management system		+		
11.	11.	The EP administrations should demonstrate the successful functioning of the the EP internal quality assurance system including its design, management and monitoring, their improvement, making decisions based on facts		+		
12.	12.	The EP administrations should implement risk control			+	
13.	13.	The EP administration should ensure the participation of representatives of interested parties (employers, teaching staff, students) in the collegial bodies of the educational program management, as well as their representativeness in making decisions on the management of the educational program	+			
14.	14.	The university should demonstrate the management of innovations in the framework of the EP including the analysis and implementation of innovative proposals			+	
15.	15.	The EP administrations should demonstrate evidence of openness and accessibility for students, teaching staff, employers and other interested persons.	+			
16.	16.	The EP administration should be trained in educational management programs		+		
17.	17.	The EP administration should strive to ensure that the progress made since the last external quality assurance procedure was taken into account under preparing for the next procedure		+		
Total for the standard			3	11	3	-
Standard "Information Management and Reporting"						
18.	1.	The university should ensure the functioning of the system for collecting, analyzing and		+		

		managing information through the use of modern information and communication technologies and software				
19.	2.	The EP administration demonstrate the systematic use of processed, adequate information to improve the internal quality assurance system		+		
20.	3.	System of regular reporting, reflecting all levels of the structure including an assessment of the effectiveness and efficiency of the activity of divisions and departments and research is to be available within the EP		+		
21.	4.	The university should establish the frequency, forms and methods of assessing the EP management, the activity of collegial bodies and structural divisions, senior management, the implementation of research projects		+		
22.	5.	The university should demonstrate the determination of the order and ensuring the protection of information including the definition of responsible persons for the accuracy and timeliness of information analysis and data presentation		+		
23.	6.	An important factor is the involvement of students, employees and teaching staff both in the process of collecting and analyzing information and making decisions		+		
24.	7.	The EP administration must demonstrate the existence of a communication mechanism with students, employees and other interested persons including the existence of mechanisms for conflict resolution		+		
25.	8.	The university should provide a measure of the satisfaction degree for the EP needs of faculty, staff and students and demonstrate evidence to eliminate the identified deficiencies.		+		
26.	9.	The university should evaluate the performance and effectiveness of the activity including in the EP		+		
		Information collected and analyzed by the university within the framework of the EP should take into consideraton:				
27.	10.	key performance indicators;		+		
28.	11.	dynamics of the students' contingent in terms of forms and types;	+			
29.	12.	level of academic progress, student achievement and expulsion;	+			
30.	13.	students' satisfaction with the implementation of the EP and the quality of university education;	+			
31.	14.	availability of educational resources and support systems for students;		+		

32.	15.	employment and career growth of graduates	+			
33.	16.	Trainees, employees and TS should document their consent to the processing of personal data			+	
34.	17.	The EP administration should contribute to the provision of all necessary information in relevant fields of science	+			
Total for standard			5	11	1	-
Standard "Development and approval of educational programs"						
35.	1.	The university should define and document the procedures for the EP development and their approval at the institutional level	+			
36.	2.	The EP administration should ensure the compliance of the developed EP with the established goals including the expected learning outcomes	+			
37.	3.	The EP administration should ensure the availability of the EP developed models of graduate describing learning outcomes and personal qualities	+			
38.	4.	The EP administration should demonstrate the conduct of external examinations of the EP			+	
39.	5.	Qualifications received upon completion of the EP should be clearly defined, explained and correspond to a certain level of the NQS		+		
40.	6.	The EP administration should determine the influence of disciplines and professional practices on the formation of learning outcomes		+		
41.	7.	An important factor is the possibility of training students for professional certification			+	
42.	8.	The EP administration should provide evidence of the participation of students, faculty and other interested persons in the development of the EP ensuring its quality	+			
43.	9.	The EP workload should be clearly defined in Kazakhstan credits and ECTS		+		
44.	10.	The EP administration should provide the compliance of academic disciplines and learning outcomes to the level of education (bachelor, master, doctorate).	+			
45.	11.	The structure of the EP should include the various kinds of activity corresponding the learning outcomes		+		
46.	12.	The important factor is the availability of joint EP with foreign educational institutions			+	
Total for standard			5	4	3	
Standard "Continuous Monitoring and Periodic Evaluation of Educational Programs"						

47.	1.	The university should monitor and periodically evaluate the EP in order to achieve the goals and to meet the needs of students and society.		+		
		Monitoring and periodic evaluation of the EP should consider:				
48.	2.	content of the programs in the light of the latest achievements of science in a particular discipline to ensure the relevance of the taught discipline;		+		
49.	3.	changes in the needs of society and the professional environment;		+		
50.	4.	workload, performance and graduation of students;		+		
51.	5.	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 EP administration should provide evidence of the participation of students, employers and other interested persons in the review of the EP	+			
55.	9.	All interested persons should be informed of any planned or taken actions in relation to the EP. All changes made in the EP should be published.			+	
56.	1	The EP administration should ensure a review of the EP content and structure taking into account changes in the labor market, employers' requirements in the social demand of the society		+		
Total for standard			1	7	2	
Standard "Student-centered learning, teaching and progress assessment"						
57.	1.	The EP administration should ensure respect and attention to various groups of students and their needs, providing them with flexible learning paths		+		
58.	2.	The EP administration should ensure the use of various forms and methods of teaching instruction		+		
59.	3.	An important factor is the availability of own research in the field of the EP teaching methods of academic disciplines.			+	
60.	4.	The EP management should demonstrate the presence of a feedback system on the use of various teaching methods and the evaluation of learning outcomes		+		
61.	5.	The EP administration should demonstrate a support for the the students' autonomy under		+		

		simultaneous providing guidance and assistance of lecturer				
62.	6.	The EP administration should demonstrate the existence of a procedure for responding to students' complaints		+		
63.	7.	The university should ensure consistency, transparency and objectivity of the mechanism for evaluating learning outcomes for each EP including the appeal		+		
64.	8.	The university should ensure the conformity of the evaluation procedures of the EP students to the planned learning outcomes and the objectives of the program. Criteria and assessment methods in the framework of the EP should be published in advance		+		
65.	9.	The university should determine the mechanisms to ensure that each graduate of the repossesses the learning outcomes and their completeness		+		
66.	10.	Assessors should possess the modern methods of assessing learning outcomes and regularly improve their skills in this area		+		
Total for standard			-	9	1	-
Standard "Students"						
67.	1.	The university should demonstrate the policy of forming a contingent of students in terms of the EP from admission to graduation and ensure the transparency of its procedures. The procedures governing the life cycle of students (from admission to completion) should be defined, approved, published		+		
68.	2.	The administration of the EP should demonstrate the implementation of special adaptation and support programs for newcomers and foreign students		+		
69.	3.	The university should 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 to ensure comparable recognition of qualifications		+		
71.	5.	The EP administrations should demonstrate the presence 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 the EP students, as well as assist them in getting external training grants		+		
73.	7.	The EP administration should make the maximum amount of effort to provide students with venues for practice, to facilitate the employment of graduates, to maintain communication with them	+			
74.	8.	university should provide the EP graduates with documents confirming their qualifications 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 the employment and professional activity of the EP graduates		+		
76.	10.	The EP administration of should actively encourage students to self-education and development out of the main program (extracurricular activities).		+		
77.	11.	The important factor is the existence of an active alumni association			+	
78.	12.	The important factor is the availability and support mechanism for gifted students.		+		
Total for standard			1	10	1	-
Standard "Academic Teaching Staff"						
79.	1.	The university should have an objective and transparent personnel policy including in terms of the EP recruitment, professional growth and staff development, ensuring the professional competence of the entire staff		+		
80.	2.	The university should demonstrate the compliance of the staff potential of TS with the development strategy of the university and the specifics of the EP		+		
81.	3.	The EP administration should demonstrate an awareness of responsibility for its employees and provide them with favorable working conditions	+			
82.	4.	The EP administration should demonstrate a change in the role of the lecturer in connection with the transition to student-centered learning		+		
83.	5.	The university should determine the contribution of the EP TS 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 EP TS				
85.	7.	The EP administration should involve practitioners of relevant branches in teaching.	+			
86.	8.	The EP administration should provide targeted actions for the development of young lecturers.	+			
87.	9.	The university should demonstrate the motivation of professional and personal development of the EP lecturers including the promotion as both the integration of science and education and the use of innovative teaching methods		+		
88.	10.	The important factor is the active use in the educational process (for example, on-line training, e-portfolio, etc.) by the EP TS			+	
89.	11.	The important factor is the development of academic mobility within the framework of the EP, attracting the best foreign and domestic lecturers		+		
90.	12.	The important factor is the involvement of the TS in the community (role of TS in the education system, in the development of science, the region, creating a cultural environment, participation in exhibitions, creative competitions, charity programs, etc.).		+		
Total for standard			4	7	1	
Standard "Educational Resources and Student Support Systems"						
91.	1.	The EP administration should demonstrate the adequacy of material and technical resources and infrastructure		+		
92.	2.	The EP administration should demonstrate the presence of procedures for supporting various groups of students including information and counseling		+		
		The EP management should demonstrate the compliance of information resources with the EP specifics including compliance with		+		
93.	3.	technological support for students and teaching staff in accordance with EP (for example, online training, modeling, databases, data analysis programs);		+		
94.	4.	library resources including the fund of educational, methodical and scientific literature on general educational, basic and major disciplines on paper and electronic media, periodicals, access to scientific databases;		+		
95.	5.	plagiarism examination of the results of research, final works, theses;		+		

96.	6.	access to educational Internet resources;		+		
97.	7.	WI-FI functioning on the area of the educational institution		+		
98.	8.	The university should strive to ensure that the educational equipment and software used for the development of educational programs are similar to those used in their respective industries.		+		
99.	9.	The university should ensure compliance with safety requirements in the academic process		+		
100.	10.	The university should strive to take into account the needs of various groups studying in the terms of EP (adults, employees, foreign students and students with disabilities)		+		
Total for standard			-	10	-	-
Standard "Public Information"						
		The information published by the university in the framework of the EP should be accurate, objective, relevant and should include:				
101.	1.	implemented programs indicating the expected learning outcomes;		+		
102.	2.	information on the possibility of awarding qualifications at the end of the EP;				
103.	3.	information on teaching, learning, assessment procedures;		+		
104.	4.	information on the admission scores and academic opportunities provided to students;				
105.	5.	information on opportunities, employment of graduates		+		
106.	6.	The EP administration should use a variety of ways to disseminate information including the media, information networks to inform the general public and interested persons		+		
107.	7.	Public information should provide support and clarification of the country's national development programs and the system of higher and postgraduate education		+		
108.	8.	The university should publish audited financial statements, including in terms of the EP on its own web resource			+	
109.	9.	The university should demonstrate the information on the web resource describing the university as a whole and in terms of the EP		+		
110.	10.	The important factor is the availability of adequate and objective information about the faculty EP in terms of personalities		+		
111.	11.	The important factor is informing the public on cooperation and collaboration with partners in the EP framework including with scientific consulting organizations, business partners, social partners and educational institutions		+		

112.	12.	The university should post information and links to external resources on the results of external evaluation procedures.		+		
113.	13.	The important factor is the participation of the university and implemented EP in a variety of external assessment procedures.	+			
Total for standard			1	11	1	-
Standards in terms of individual specialties						
NATURAL SCIENCES, AGRICULTURAL SCIENCES, TECHNICAL SCIENCES AND TECHNOLOGIES						
		<i>Educational programs in the areas of "Natural Sciences", "Engineering Sciences and Technology", such as "Mathematics", "Physics", "Information Systems", etc., should meet the following requirements:</i>				
114	1.	In order to familiarize students with the professional environment and topical 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 the major disciplines in particular including: -excursions to enterprises in the area of specialization (factories, workshops, research institutes, laboratories, educational and experimental farms, etc.), - delivering individual classes or entire disciplines at the enterprises of specialization; -delivering seminars to solve practical problems relevant to enterprises in the field of specialization, etc.	+			
115	2.	The faculty involved in the education program should include full-time faculty members with long-term experience as a staff member in enterprises in the area of specialization of the education program	+			
116	3.	The content of all EP disciplines should to some extent be based and include a clear relationship with the content of the fundamental natural sciences, such as mathematics, chemistry, physics		+		
117	4.	The EP administration should provide measures to enhance practical training in the field of specialization		+		
118	5.	The EP administration should provide training for students in the application of modern information technologies		+		
Total for standard			2	3	-	-
Total			22	83	13	-