



«АККРЕДИТЕУ ЖӘНЕ РЕЙТИНГТІҢ  
ТӘУЕЛСІЗ АГЕНТТІГІ» КЕМ

НУ «НЕЗАВИСИМОЕ АГЕНТСТВО  
АККРЕДИТАЦИИ И РЕЙТИНГА»

INDEPENDENT AGENCY FOR  
ACCREDITATION AND RATING

# REPORT

on the results of the work of the external expert commission  
on quality assessment for compliance with the standards of specialized  
accreditation of the educational program of higher and (or) postgraduate  
education of educational programs

6B08171 AGRONOMY, 7M08172 PLANT PRODUCTION,  
8D08171 AGRONOMY

**NON-COMMERCIAL JOINT STOCK COMPANY "KYZYLORDA  
UNIVERSITY NAMED AFTER KORKYT ATA"**

Date of on-line visit of the EEC: from March 31 to April 2, 2022

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

**Addressed to**  
**Accreditation**  
**Council of the IAAR**



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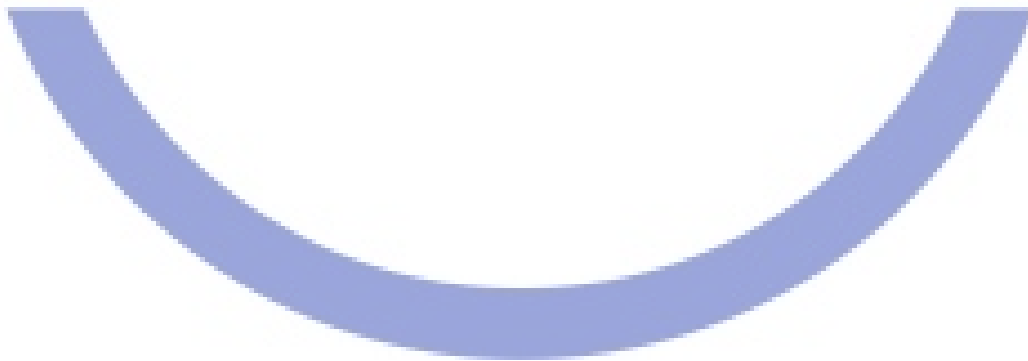
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**(I) LIST OF SYMBOLS AND ABBREVIATIONS**

AIS	Automated Information System
NCJSC	Non-commercial Joint Stock Company
SAC	State Attestation Commission
SGESE	state general educational standard of education
UNT	unified national testing
ICT	information and communication technologies
IP	individual plan
IS	information system
IC	individual curriculum
KU named after Korkyt Ata	Korkyt Ata Kyzylorda University
CED	catalog of elective disciplines
MES RK	Ministry of Education and Science of the Republic of Kazakhstan
RW	research work
RWDS	research work of doctoral students
RWU	research work of undergraduates
RWS	research work of students
EP	educational program
TS	teaching staff
PLO	planned learning outcomes
RK	Republic of Kazakhstan
QMS	quality management system
MC	Model Curriculum
EMCD	educational and methodological complex of the discipline
EMCS	educational and methodical complex of the specialty
ED	elective disciplines
EO	educational organization



## (II) INTRODUCTION

In accordance with Order No. 19-22-OD dated January 25, 2022, of the Independent Agency for Accreditation and Rating, from March 31 to April 2, 2022, an external expert commission assessed the compliance of educational programs 6B08171 Agronomy, 7M08172 Crop production, 8D08171 Agronomy Korkyt Ata University (Kyzylorda) to the standards of specialized accreditation (dated May 25, 2018 No. 68-18 / 1-OD, first edition).

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

### **Composition of the WEC IAAR:**

*Chairman of the EEC* - Bratsikhin Andrey Alexandrovich, Doctor of Technical Sciences, Professor, expert of the 1st category of IAAR.

*IAAR expert* – Alexander Grakovski (Grakovski Alexander), Doctor of Technical Sciences, Professor of the Faculty of Computer Science and Electronics of the Institute of Transport and Communications (Riga, Latvia). Evaluation of EP 6V01514 Informatics, 7M01514 Informatics.

*IAAR expert* - Dimitar Grekov, Doctor of Agricultural Sciences, Professor, Director of the Center for Continuing Education, member of the Accreditation Council of the National Agency for Evaluation and Accreditation (Plovdiv, Bulgaria). Assessment of EP 6V07368 Cadastre, 6V07369 Land management.

*IAAR expert* - Nazgul Kazhimuratovna Baygabatova, Ph.D., Associate Professor of Zhetysu State University named after I. Zhansugurov (Taldykorgan, Republic of Kazakhstan). Evaluation of EP 6B02234 Archeology and ethnology.

*IAAR expert* – Aliya Askerovna Baitelenova, Ph.D. kh.s., Associate Professor of the Kazakh Agrotechnical University named after S. Seifullin (Nur-Sultan, Republic of Kazakhstan). Evaluation of EP 8D08171 Agronomy.

*IAAR expert* - Ismagulova Zhuldyz Saelkhanovna Ph.D., Associate Professor of the Khoja Akhmet Yassauy International Kazakh-Turkish University (Turkestan, Republic of Kazakhstan). Evaluation of EP 6V01514 Informatics, 7M01514 Informatics.

*IAAR expert* – Viktor Aleksandrovich Kamkin, Ph.D., Associate Professor of Toraigyrov University (Pavlodar, Republic of Kazakhstan). Evaluation of EP 6V08171 Agronomy, 7M08172 Crop production.

*IAAR expert* - Kegenbekov Zhandos Kadyrkhanovich, candidate of technical sciences, associate professor of the Kazakh-German University (Almaty, Republic of Kazakhstan). Evaluation of EP 6V07159 Transport equipment and technologies, 6V11380 Organization of transportation, traffic and transport operation.

*IAAR expert* - Mursalimova Elmira Askarovna, associate professor of the Kazakh National Agrarian Research University (Almaty, Republic of Kazakhstan). Assessment of EP 6V07368 Cadastre, 6V07369 Land management.

*IAAR expert* - Nurzhanova Kulsara Halimardenovna, Ph.D., Associate Professor of Shakarim University (Semey, Republic of Kazakhstan). Assessment of EP 6B08272 Technology for the production of livestock products.

*IAAR expert* - Timurbekova Aigul Kulakhmetovna, Ph.D., Professor of the Kazakh National Agrarian University (Almaty, Republic of Kazakhstan). Assessment of EP 6B07260 Technology of food products.

*IAAR expert* – Balkhanov Baizhan Nurbaevich, Ph.D., Associate Professor, Professor of the Innovative Eurasian University (Pavlodar, Republic of Kazakhstan). Assessment of EP

6B08773 Agricultural machinery and technology, 7M08573 Agricultural machinery and technology.

*IAAR expert, employer* - Aitbaev Abai Malikuly, director of the Kyzylorda branch of the Republican State Inspection Center for Phytosanitary Diagnostics and Forecasts of the State Inspection Committee in the agro-industrial complex of the Ministry of Agriculture of the Republic of Kazakhstan. (Kyzylorda, Republic of Kazakhstan).

*IAAR expert, employer* - Mamen Baldyrgan Nurtuganovna, Press Secretary of the Kyzylorda Regional Chamber of Entrepreneurs (Kyzylorda, Republic of Kazakhstan).

*IAAR expert, student* - Kasenalina Anel Tursunkhanovna, 4th year student of EP 6B07369 Land management of the Kazakh Agrotechnical University named after. S. Seifullin (Nur-Sultan, Republic of Kazakhstan). Assessment of EP 6V07368 Cadastre, 6V07369 Land management.

*IAAR expert, student* - Ayazhan Dauletkyzy Abisheva, 3rd year student of EP 6B11380 Organization of transportation, traffic and transport operation of Toraigyrov University (Pavlodar, Republic of Kazakhstan). Evaluation of EP 6V07159 Transport equipment and technologies, 6V11380 Organization of transportation, traffic and transport operation.

*IAAR expert, student* - Mahammadali Ahmet Nazarbekuly, 4th year student of EP 6B07201 Technology of food products of the Kazakhstan Engineering and Technology University, member of the Alliance of Students of Kazakhstan (Almaty, Republic of Kazakhstan). Evaluation of EP 6B07260 Technology of food products.

*IAAR expert, student* - Oralkhanova Gulbarshyn Zhanatkyzy, 3rd year student of EP 5B020300 History of Shakarim University (Semey, Republic of Kazakhstan).

*IAAR expert, student* - Kereeva Tansholpan Makhambetkyzy, 2nd year student of EP 7M04106 Marketing Aktobe Regional University. K. Zhubanova (Aktobe, Republic of Kazakhstan). Evaluation of EP 6V01514 Informatics, 7M01514 Informatics.

*IAAR Coordinator* - Niyazova Guliyash Balkenovna, Head of the Project for Conducting Institutional and Specialized Accreditation of Universities (Nur-Sultan, Republic of Kazakhstan).

### **(III) REPRESENTATION OF THE EDUCATIONAL ORGANIZATION**

The non-profit joint-stock company "Kyzylorda University named after Korkyt Ata" (hereinafter - the KU named after Korkyt Ata) was formed on the basis of the Decree of the Government of the Republic of Kazakhstan dated October 11, 2019 No. 752 "On some issues of higher educational institutions of the Ministry of Education and Science of the Republic of Kazakhstan", property and privatization of the Ministry of Finance of the Republic of Kazakhstan No. 315 dated May 25, 2020 "On the establishment of a non-profit joint-stock company "Kyzylorda University named after Korkyt Ata" dated July 01, 2020, the Republican State Enterprise on the right of economic management "Kyzylorda State University named after Korkyt Ata" was reorganized into a Non-profit Joint Stock Company "Kyzylorda University named after Korkyt Ata".

The university has passed institutional accreditation, 102 educational programs - specialized accreditation.

According to the results of the National Ranking of Demand for Universities in 2021, conducted by the Independent Agency for Accreditation and Rating (IAAR), the University is in the TOP-20 of the General Ranking of Universities of the Republic of Kazakhstan, ranking 7th.

According to the National Ranking of the Republic of Kazakhstan - 2021, conducted by the Independent Agency for Quality Assurance in Education (IQAQA), Korkyt Ata Kyzylorda University ranks 8th among the multidisciplinary universities of the Republic of Kazakhstan.

Educational activities of Korkyt Ata University for undergraduate, graduate and PhD doctoral programs are carried out on the basis of a license (No. KZ 67LAA00018492) issued by the Committee for Quality Assurance in Education and Science of the Ministry of Education and Science of the Republic of Kazakhstan on July 28, 2020.

As part of 5 institutes, there are 26 departments that train specialists in 62 bachelor's programs, 35 master's programs, 13 PhD doctoral programs.

Korkyt Ata University is a member of the European Association of Higher Education Institutions (2005), the Eurasian-Pacific Network of Universities (2005), the Great Charter of Universities (2005), the Eurasian Association of Universities (2011), the Association of Asian Universities (2017), Association of Economic Universities of Southeast Europe and the Black Sea Region (2019), Consortium of Agricultural Universities for the Development of Central Asia and the South Caucasus (2020).

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

Currently, the contingent of students is 7910 people, of which: undergraduate students - 7175 students, master's programs - 701 undergraduates, PhD doctoral studies - 34 doctoral students. The educational process is carried out by 482 full-time teachers, including 23 doctors of science, 34 PhD doctors, 173 candidates of science, 190 masters.

According to the educational program 6B08171-Agronomy, the contingent of students by years is 2017-2018 - 41 people; 2018-2019 - 41 people; 2019-2020 - 50 people; 2020-2021 - 60 people; 2021-2022 - 58 people. The employment of graduates in 2021 was 58.8% (10 out of 17 graduates were employed). The degree of teaching staff for this EP is 66.8% (2 doctors and 4 candidates of sciences) with an average age of 48.5 years.

According to the educational program 7M08172-Crop production, the contingent of students by year is 3 people in 2017-2018, 10 in 2018-2019, 7 in 2019-2020, 13 in 2020-2021 and 6 in 2021-2022. Employment of graduates in 2019 and 2020 was 100%, there were no graduates in 2021. The degree of teaching staff for this EP is 100% (2 PhDs) with an average age of 33.5 years.

According to the educational program 8D08171-Agronomy, the contingent of students by year is 2 people in 2017-2018, 3 in 2018-2019, 2 in 2019-2020, 2 in 2020-2021, and 1 in 2021-2022. Employment of graduates under the doctoral program is 100%. The degree of teaching staff for this EP is 100% (4 Doctors of Science, 1 Doctor of PhD, 1 Candidate of Science) with an average age of 52.3 years.

According to the educational programs 6B08171-Agronomy and 7M08172-Crop production, there is a lack of academic mobility of students.

According to OP8D08171-Agronomy, doctoral student of the group Agr-18-1D Kultasov B.Sh. in the 2019-2020 academic year, he underwent a scientific internship at the Kazakh National Agrarian Research University. Doctoral student Akhmedova G.B. in the 2021-2022 academic year, he plans to undergo a scientific internship at the Kuban State Agrarian University named after I.T. Trubilin (Krasnodar, RF).

According to the accredited EP for the accredited period under the guidance of Doctor of Agricultural Sciences. Tokhetova L.A. carried out two funded R&D:

2018-2020 "Creation of a new salt-tolerant barley variety that is competitive in terms of productivity, grain quality, adaptability to environmental stress factors when cultivated in environmentally unfavorable conditions in Kazakhstan" (PCF MES RK).

2021-2023 "Creation of highly productive varieties and hybrids of grain crops based on the achievements of biotechnology, genetics, physiology, biochemistry of plants for their sustainable production in various soil and climatic zones of Kazakhstan." (MOA RK BR10765056).

Two applications have been submitted in the competition for grant funding for young scientists for scientific and (or) scientific and technical projects for 2022-2024. To participate in the competition of innovative projects in the field of the agro-industrial complex of the Kyzylorda region for 2022, 3 projects were submitted under the regional budget program No. 019 of the teaching staff of the department.

The results of student and teaching staff research are not commercialized.

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

Educational programs 6B08171 Agronomy, 7M08172 Crop production, 8D08171 Agronomy passed the procedure of specialized accreditation through the Independent Agency for Quality Assurance in Education (IAQA) in 2017. These EPs are accredited for a period of 5 years (06/19/2017-06/17/2022). The evaluation of educational programs was carried out on the basis of the criteria of the NAOKO Specialized Accreditation Standards.

Based on the prepared corrective action plan, all existing comments and recommendations of the NAOKO expert group were eliminated.

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

The work of the EEC was carried out online through the ZOOM platform on the basis of the approved Program of the visit of the expert commission for specialized accreditation of NJSC "Kyzylorda University named after Korkyt Ata" from March 31 to April 2, 2022.

In order to coordinate the work of the EEC, a kick-off meeting was held on March 25, 2022, during which powers were distributed among the members of the commission, the schedule of the visit was specified, and agreement was reached on the choice of examination methods.

In accordance with the requirements of the standards, the visit program included meetings with vice-rectors, heads of structural divisions, deans, heads of departments of the university, teaching staff, students, graduates, employers and employees from structural divisions, interviews and questionnaires for teachers and students in connection with quarantine measures were conducted online via videoconference. A total of 65 people took part in the meetings (Table 1).

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

<b>Participant category</b>	<b>Quantity</b>
Vice-Rector's Corps	4
Heads of structural divisions	23
Deans	3
Heads of departments	4
Teachers	10
Students	11
Graduates	7
Employers	3
<b>Total</b>	<b>65</b>

A visual inspection was carried out in order to obtain a general idea of the organization of educational, scientific and methodological processes, the material and technical base, to determine its compliance with standards, as well as to get an idea of the workplaces of teaching staff, employees and students.

The experts were shown a video review of the campus of the university and the material base of the Institute of Engineering and Technology and its Department of Agrarian Technologies with their respective classrooms and laboratories.

In accordance with the accreditation procedure, a remote survey of 49 teachers and 119 students was conducted.

In order to confirm the information presented in the Self-Assessment Report, the working documentation of the university was requested and analyzed by external experts. In particular, Academic policy, University work plan, department work plans, catalog of elective disciplines,

Working curriculums, syllabuses, EMCD-s, plans and protocols of the meeting of the department, faculty, etc.

Along with this, the experts studied the Internet positioning of the university through the official website of the university <https://korkyt.edu.kz/>.

Members of the EEC visited the base of practices of accredited EPs: LLP "Kazakh NIIR named after I. Zhakhaeva.

EEC members were supposed to attend the classes according to the presented schedule, but due to the incorrectness of the presented ZOOM conference identification codes online, the classes were not attended.

## **(VI) COMPLIANCE WITH SPECIALIZED ACCREDITATION STANDARDS**

### **6.1. Standard "Management of the educational program"**

• *The institution of higher and/or postgraduate education must have a published quality assurance policy. The quality assurance policy should reflect the relationship between research, teaching and learning.*

• *The organization of higher and (or) postgraduate education must demonstrate the development of a culture of quality assurance, including in the context of EP.*

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

• *The EP management demonstrates readiness to ensure transparency in the development of the EP development plan based on an analysis of its functioning, the real positioning of the EP and the focus of its activities on meeting the needs of the state, employers, students and other interested parties. The plan should contain the dates for the start of the implementation of the educational program.*

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

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

• *The management of the EP must demonstrate the individuality and uniqueness of the EP development plan, its consistency with national priorities and the development strategy of the organization of higher and (or) postgraduate education.*

• *The organization of higher and (or) postgraduate education must demonstrate a clear definition of those responsible for business processes within the EP, an unambiguous distribution of staff duties, and delimitation of the functions of collegial bodies.*

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

• *The management of the EP must demonstrate the existence of an internal quality assurance system for the EP, including its design, management and monitoring, their improvement, decision-making based on facts.*

• *The management of the EP must carry out risk management, including within the framework of the EP undergoing primary accreditation, and also demonstrate a system of measures aimed at reducing the degree of risk.*

• *The management of the EP should ensure the participation of representatives of employers, teaching staff, students and other interested parties in the collegiate management bodies of the educational program, as well as their representativeness in making decisions on the management of the educational program.*

• *The EO must demonstrate the management of innovations within the EP, including the analysis and implementation of innovative proposals.*



- *The management of the EP must demonstrate evidence of readiness for openness and accessibility for students, teaching staff, employers and other interested parties.*
- *The management of the EP must be trained in education management programs.*

### **Evidence**

Accredited EPs are developed on the basis of the National Qualifications Framework (joint order of the Ministry of Education and Science of the Republic of Kazakhstan No. 444 dated September 28, 2012), the Classification of Specialties of Higher and Postgraduate Levels of Education of the Republic of Kazakhstan (RK GK 08-2009), the "State Compulsory Educational Standard, approved by the Decree of the Government of the Republic of Kazakhstan dated August 23, 2012 No. 1080 (as amended by Order No. 292 dated May 13, 2016), "Database Administration", developed by Zerde National Infocommunication Holding JSC (Version 1, 2015), Order No. 171 dated July 17, 2017 Deputy Chairman of the Ministry of Health of the Republic of Kazakhstan, the National Chamber of Entrepreneurs of the Republic of Kazakhstan "Atemöken". The accredited EPs are reviewed and approved by the Academic Council of KSU. Korkyt Ata (Protocol No. 12 dated April 26, 2019). The EEC testifies that the accredited EPs comply with the Strategic Development Plan and the University Development Program for 2021-2025, as well as the University's Sustainable Development Strategy until 2030.

The University has approved the Internal Quality Assurance Standards (IQAS), approved by the order of the Chairman of the Board - Rector No. 513-a dated December 29, 2020. By the decision of the Academic Council of the University, the Regulations on Academic Councils for Quality (Protocol No. 5 dated December 15, 2020) were approved. In order to ensure quality in the training of scientific and pedagogical personnel in OP 8D08171-Agronomy, since April 2021, the "Regulations on the Ethical Commission of the NJSC "KU im. KorkytAt on the examination of research and development "" (04/01/2021). The quality policy of NJSC "Kyzylorda University named after Korkytat" is posted on the official website of the university.

The objectives of the EP determine the strategic priorities in the formation of a graduate model that meets the social order of society and the requirements of employers, as well as aimed at meeting the needs of the individual in professional development and personal growth. For example, for EP 6B08171-Agronomy, the goal is indicated: "training a competitive specialist who is able to creatively solve production, technological, organizational, managerial and research tasks and problems of agricultural production, strategies for the main directions of state policy in the field of agriculture."

The content of the EP studies the labor market of educational services and the interests of their consumers, trends in their development, trend educational methods, modern requirements for competencies in the training of personnel in the agro-industrial complex and their demand, the possibility of opening new EPs, etc. The objectives and content of the EP are developed with the involvement of all categories of stakeholders, which is reflected in the extracts of the protocol of the meeting of the department (Protocol No. 8 of 04/21/21) and the meeting of the academic council (Protocol No. 10 of 05/10/2021).

The composition of the Academic Council for Agricultural Direction also includes teachers of the Department of Agrarian Technologies, Doctor of Agricultural Sciences, Associate Professor Tokhetova L.A., Senior Lecturer, Ph.D. Akhanov S.M., (Protocol No. 10 of the meeting of the Academic Council dated 10.05.2021; Protocol No. 12 of the meeting of the Academic Council of Korkyt Ata KSU dated 04.26.2019) Agr-19-1 Akhmedova G.B., undergraduate of the R-20-1M group Yermakhan S., student of the Agr-18-1 group Shortysh B.D., (Protocol of the meeting of the department No. 8 of 04/21/21).

The branches of the department, organized on the basis of LLP "Kazakh Research Institute of Rice Farming named after Y.Zhakhaev", PT "Abzal and K", which are equipped with classrooms, take part in the organization of the educational process. At the experimental site of the Karaultyubinsk strong point of the LLP "Kazakh Research Institute of Rice Farming named

after Y.Zhakhaev" with students, research work of undergraduates and doctoral students of the department is also carried out.

EEC confirms that the Regulations on the development and approval of educational programs in the KU. Korkyt Ata is located on the university website in the "Internal Regulatory Documents" tab in the "Academic Policy" document on page 21 and is available to all users.

For accredited EPs, foreign scientists are invited to teach. For example, according to the Program of the Ministry of Education and Science of the Republic of Kazakhstan "Invitation of foreign scientists to give lectures" in the period 10.20-11.15.2020, the head of the department "Agriculture and methods of field experience" of the Moscow Agricultural Academy, Doctor of Biological Sciences, Professor, Academician of the Russian Academy of Sciences of Natural History Mazirov Mikhail Arnoldovich gave a course of lectures to students of 3.4 courses of EP 6B08171-Agronomy.

Head of the Department B.Zh. Koptileuov from 01.02-16.02.2021, completed a refresher course organized by the PF "International Foundation for the Promotion of Technical Education in the CIS".

Teachers of the department Bekzhanov S.Zh., Tautenov I.A., Tokhetova L.A., Eralieva S.Zh., Koptileuov B.Zh. from 04/05/2021 to 04/30/2021, a seminar was held on the topic "New architectonics of academic programs of the innovative entrepreneurial university" of the National Online Academy of Teachers. The result of the seminar was the development of new directions in the development of educational programs of new content, increasing the competence of graduates, and improving the image of the university.

Teachers of the department Tokhetova L.A. and Baizhanova B.K. completed the course "Methods of conducting a lesson using innovative technologies from presentation to video lesson" (06/01-06/10/2020) at the ZIAT scientific and methodological center.

The EP development plan includes performance indicators in such strategic areas as: expanding access to the educational services of the university; innovative support of educational activities; international cooperation and internationalization; development of an innovation ecosystem; infrastructure modernization.

Academic quality councils at the institutes annually monitor the quality of teaching (transparency of the policy of expected requirements and discipline, academic honesty and assessment). Sociological surveys are conducted annually among the teaching staff and students.

The accredited EPs underwent a specialized accreditation procedure through the Independent Agency for Quality Assurance in Education (IAQA) in 2017 and were accredited for a period of 5 years. All comments and recommendations of IAQA have been implemented.

### **Analytical part**

The EEC notes that all categories of internal and external stakeholders take part in the development and discussion of accredited EPs. For example, a member of the Academic Council in the agricultural direction - an employer, head of the laboratory of LLP "Kazakh Research Institute of Rice named after. Y.Zhakhaeva, Doctor of Agricultural Sciences Toktamysov A.M., taking into account the specifics of economic entities, proposed to introduce the elective discipline "Rice growing" for 4th year students in EP 6V08171-Agronomy.

The university has developed a Risk Management Regulation, approved by order of the Chairman of the Board-Rector No. 33-a dated January 22, 2021, published on the university website. When developing a strategy for the development of the EP, the department takes into account possible potential risks, for example, such as a decrease in the contingent, a lack of scientific and pedagogical personnel, the rapid obsolescence of existing educational equipment, etc. To prevent the identified risks, the department conducts career guidance work with schools and colleges of the city and region; planned advanced training of teaching staff, training of young teachers in doctoral studies; systemic renewal of the material and technical base.

The development plan of EP 8D08171 Agronomy provides for advanced training of the teaching staff, increasing the publication activity of the teaching staff of the department in foreign publications included in the Scopus and WOS databases with the Q1-Q3 quartile. These activities will lead to the presence among the teaching staff of the departments of scientific and pedagogical personnel for approval as domestic scientific consultants for doctoral students that meet the requirements of KKSON.

The department annually determines the sufficiency of available resources for the implementation of the development strategy of the EP through monitoring, questioning among students and teaching staff.

The quality policy is posted in all structural divisions of the university, on the university website, which is a guarantee of accessibility, openness, transparency not only to employees and students, but also to employers and other interested parties ([www.korkyt.edu.kz](http://www.korkyt.edu.kz)).

The university's quality policy reflects the relationship between research, teaching and learning. Thus, the main goal of the Korkyt Ata University is to form an innovative and entrepreneurial university with modern infrastructure, innovative educational, scientific and social spheres that ensure the quality and demand for graduates, research and development in the interests of the economy of the country and the region.

The WEC notes the connection between scientific research, teaching and learning at all levels of training in accredited EPs. The department's teaching staff for the development and study of salt- and drought-resistant plant varieties fully meet the needs of the region, which is officially recognized as an ecological disaster zone. Also, the practical training of students is focused on the cultivation and processing of the main agricultural crop for the region - rice, which is reflected in the bases of practice and the main employer - LLP "Kazakh NIIR named after. I. Zhakhaeva.

The uniqueness of the accredited EP is determined by the detailed development of the EP and is focused on the requirements of employers and trends in the labor market. The uniqueness of each EP is as follows:

- EP 6B08171-Agronomy: a full range of practical and theoretical knowledge - to assess the prospects for the development of the economy in market conditions; draw up technological maps of cultivation of agricultural crops and organize field work in accordance with the recommendations (on the basis of the PT "Abzal and K");

- EP 7M08172 Crop production - agronomic research and development aimed at solving complex problems of organizing and producing crop production in modern agriculture (on the basis of the experimental station of the Kazakh Research Institute of Rice Growing LLP);

- EP 8D08171 (6D080100) Agronomy - the search for innovative methods of work in agriculture, teaching in higher educational institutions, the implementation of scientific, pedagogical, research and management activities in crop production.

In the educational process of EP 6B08171 Agronomy, based on the proposals of employers, elective disciplines "Fundamentals of intellectual property in breeding and seed production of agricultural plants", "Regulatory and legal framework for breeding and seed production" and "Private plant growing" were introduced. The content of the disciplines reflects the achieved results of the research activities of the teaching staff.

The EEC notes the existence of a Memorandum with the Kazakh National Agrarian Research University. Within the framework of the Memorandum, doctoral student of the group Agr-18-1D Kultasov B.Sh. in the 2019-2020 academic year, he underwent a scientific internship.

The university has signed memorandums of cooperation in the field of scientific research with the Kazakh National Agrarian Research University and the Institute of Soil Science and Agrochemistry of the National Academy of Sciences of Azerbaijan.

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

of the meeting of the department No. 8 dated 04/21/21 and Protocol No. 10 of the meeting of the Academic Council dated 05/10/2021; Protocol No. 12 of the meeting of the Academic Council of Korkyt Ata KSU dated 04/26/2019).

EEC testifies to the presence in the university of a functioning system of the electronic university "E-univer", which provides feedback on all requests received by the management of the accredited EP and the university from students, employers, teaching staff and other interested parties using such sections of this system as: electronic document circulation, the rector's blog, public services, blogs of heads of departments, IS "Institute", IS "Department", IS "Teacher", IS "Student", IS "Applicant", "Electronic Library", "Open Educational Resource". All interested persons have the opportunity to make an appointment with the rector and vice-rectors according to the approved schedule of appointments. It is possible to address work questions to vice-rectors and heads of departments in working mode without an appointment. It is possible to personally contact the rector through a blog on the university website, the functioning and efficiency of which the members of the EEC have personally checked.

According to the results of the survey of students with the level of accessibility and openness of the university management, 89.9% of respondents were fully satisfied and 10.1% of respondents were partially satisfied, thus the survey shows the overall satisfaction of students on this issue.

The EEC notes the lack of practical results in the implementation of innovative developments in practical production within the framework of the EP, including the analysis and implementation of innovative proposals, which is reflected in the lack of commercialization of the results of scientific -research work.

#### **Strengths/best practice**

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

The management of the EP demonstrates its openness and accessibility for students, teaching staff, employers and other interested parties

#### **EEC recommendations**

By September 1, 2022, develop a roadmap for introducing innovations and commercializing research results.

**Conclusions of the EEC according to the criteria according to the standard "Management of the educational program" according to OP 6B08171 Agronomy, 7M08172 Crop production, 8D08171 Agronomy: strong - 2, satisfactory - 14, requires improvement - 1.**

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

*• The EO must demonstrate the existence of a system for collecting, analyzing and managing information based on the use of modern information and communication technologies and software tools and that it uses a variety of methods to collect and analyze information in the context of the EP.*

*• The management of the EP must demonstrate the existence of a mechanism for the systematic use of processed, adequate information to improve the internal quality assurance system.*

*• The leadership of the EP must demonstrate fact-based decision making.*

*• Within the framework of the EP, a system of regular reporting should be provided, reflecting all levels of the structure, including an assessment of the effectiveness and efficiency of the activities of departments and departments, scientific research.*

*• The PA must establish the frequency, forms and methods for assessing the management of the EP, the activities of collegial bodies and structural divisions, top management, and the implementation of scientific projects.*

- *The EO must demonstrate the determination of the procedure for and ensuring the protection of information, including the identification of persons responsible for the reliability and timeliness of the analysis of information and the provision of data.*
- *An important factor is the existence of mechanisms for involving students, employees and teaching staff in the processes of collecting and analyzing information, as well as making decisions based on them.*
- *The management of the EP must demonstrate the existence of a mechanism for communication with students, employees and other interested parties, as well as mechanisms for resolving conflicts.*
- *EO must demonstrate the existence of mechanisms for measuring the degree of satisfaction with the needs of teaching staff, staff and students within the framework of the EP.*
- *The PA should provide for an assessment of the effectiveness and efficiency of activities, including in the context of the EP.*
- *Information expected to be collected and analyzed within the framework of the EP should take into account:*
  - *key performance indicators;*
  - *dynamics of the contingent of students in the context of forms and types;*
  - *level of academic achievement, student achievement and expulsion;*
  - *satisfaction of students with the implementation of the EP and the quality of education at the university;*
  - *availability of educational resources and support systems for students;*
- *The PA must confirm the implementation of the procedures for processing personal data of students, employees and teaching staff on the basis of their documented consent.*

### **Evidence**

The university has a corporate network, the system of the information and educational portal "E-UNIVER", to which all departments, services and educational units are connected. The "E-UNIVER" system includes the rector's blog, blogs of heads of departments, electronic document management, public services, IS "Dean's office", IS "Chair", IS "Teacher", IS "Student", IS "Entrant", "Electronic Library ". On the basis of the E-UNIVER portal, the mechanisms for collecting, analyzing and managing information on the areas of activity of the department in the implementation of accredited EPs are automated.

The university has automated the procedure for obtaining the following types of services on the website [www.korkyt.edu.kz](http://www.korkyt.edu.kz) and "E-UNIVER" in electronic format:

- acceptance of documents and enrollment in higher educational institutions for training in educational programs of higher and postgraduate education;
- providing a hostel for students in higher educational institutions;
- acceptance of documents for participation in the competition for filling the positions of the teaching staff and researchers of higher educational institutions;
- issuance of duplicate documents on higher and postgraduate education;
- acceptance of documents for participation in the competition for studying abroad, including within the framework of academic mobility;
- issuance of various kinds of certificates for students and university staff.

In the educational process, the Licensed Module "Tasks" and the "Online Proctoring System" in the Platonus information system are actively used.

At the university, in accordance with the Regulations on Information Security (Approved by the Decision of the Board of Directors of NJSC "Kyzylorda University named after Korkyt Ata" Protocol No. 5 dated May 31, 2021), users of information systems, models of potential violators, means and measures of information protection, as well as requirements information security. The security of the information systems of the university is provided by the operating systems Windows Server and Linux Ubuntu. Uses single sign-on for users on the

ActiveDirectory server. Using the @korkyt.kz mail server and ExchangeServer, university employees can use the internal corporate network and access to the external environment.

The website of the library <https://korkyt-nb.kz/> is functioning. The scientific library has access to the international databases "Scopus/Sciencedirect" and "Web of Science" under the national subscription of the Ministry of Education and Science of the Republic of Kazakhstan, and also uses databases of domestic information resources such as: Republican interuniversity electronic library; Kazakhstan National Electronic Library; Adebiet portals; Electronic textbooks; Open University of Kazakhstan; KazNU named after Al-Farabi; electronic library of NPU named after Abai; "IKitap". WEC notes that access to these library bases is reflected in the syllabuses of academic disciplines.

There is an agreement with the Republican Interuniversity Electronic Library (RIEB) for 5 years (Agreement No. 49 of 01/05/2021). The university purchased an automated integrated library system "MegaPro".

At the department and faculty for the accreditation period there are reports on the main areas of activity (academic, research, educational). Reports on types of practices, IEPs of students, IP and annual reports of teaching staff.

The frequency, forms and methods for assessing the functioning of the EP, the activities of collegiate bodies and the department are determined by the Regulations on the development and approval of educational programs at the Kyzylorda University. Korkyt Ata (Approved and put into effect by the decision of the Academic Council of Korkyt Ata Kyzylorda State University. Protocol No. 2 of August 29, 2016 amendments and additions Protocol No. 5 of December 15, 2020, amendments and additions Protocol No. 5 of October 29, 2021 .).

All teachers and employees of the department "Agrarian Technologies" signed a document of consent to the collection and processing of personal data in accordance with the Law of the Republic of Kazakhstan dated May 21, 2013 No. 94-V "On personal data and their protection" and Instructions for ensuring the safety of commercial and official secrets of the NJSC "Kyzylorda University. Korkyt Ata. (Approved by the decision of the Board of Directors Protocol No. 3 dated April 22, 2021). This consent is stored in the personal files of teachers and staff. Consent to the collection and processing of personal data of students is contained in the contract for the provision of educational services.

The university organized information support for scientific research of teaching staff and students, which is reflected in the Regulations approved by the rector on stimulating publication activity in international peer-reviewed publications of faculty, staff and students of NAO Kyzylorda University. Korkyt Ata.

### **Analytical part**

The EEC notes that during the implementation of accredited EPs, office work is carried out in accordance with the approved nomenclature of cases (No. 15-32 of 03/10/2021), the safety and archiving of documents is ensured. Operative familiarization of performers with information is carried out in electronic form through direct mailing in the electronic document management system in the local network.

Annual reports of the department on the results of activities (academic, research, educational) are considered at a meeting of the department, at the Council of the Institute. At a meeting of the Council of the Institute, reports are considered on the implementation of the main measures to develop the educational process, improve its methodological support and organize independent work of students, reports on the organization of educational work; plans and reports of research works are considered (Protocol No. 1 of 09/01/2021).

The EEC notes the vertical structuring of reporting at the university: the report of the Chairman of the Board-Rector as a whole on the achievements of the university; at the level of departments, departments, divisions - heads of structural divisions; at the level of the institute - the director, who reports to the Council of the institute on the activities of the institute for the reporting period; at the level of the department, a report on the department for the academic year;

reports of those responsible for educational, methodological, educational, scientific activities at the department; faculty reports on an individual plan; advisory reports for the academic year. The annual reports of departments and institutes are considered by a commission created by the order of the rector, consisting of the heads of structural divisions of the university.

The involvement of students, employees, teaching staff in the processes of collecting and analyzing information is carried out by questioning in an online format, the results of the questionnaire are reported at the operational meetings, meetings of the Academic Council, sent to the departments and structural divisions, where they are discussed and appropriate measures are taken. EEC notes that according to the results of the sociological survey "Student Satisfaction with Social and Living Conditions", the working hours of the reading room and computer classes were extended in the dormitories, new cabinets were purchased, prices for first and second courses in the university buffets were reduced.

The EEC notes that, according to the results of the survey, all students are satisfied with the level of accessibility of academic counseling (92.4% fully and 7.6% partially) and the availability of counseling on personal issues (96.6% fully and 3.4% partially).

#### **Strengths/best practice**

There are no strengths in this standard.

#### **EEC recommendations**

There are no recommendations for this standard.

**Conclusions of the EEC according to the criteria according to the standard "Information Management and Reporting" according to OP 6B08171 Agronomy, 7M08172 Crop production, 8D08171 Agronomy: satisfactory - 17.**

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

- *The EO should define and document the procedures for developing EPs and their approval at the institutional level.*
- *The management of the EP should ensure that the developed EP complies with the established goals, including the intended learning outcomes.*
- *The management of the EP should ensure the availability of developed models of the EP graduate, describing the learning outcomes and personal qualities.*
- *The management of the EP must demonstrate the conduct of external reviews of the content of the OP and the planned results of its implementation.*
- *The qualification obtained upon completion of the EP should be clearly defined, explained and correspond to a certain level of the NQF.*
- *The management of the EP should determine the influence of disciplines and professional practices on the formation of learning outcomes.*
- *An important factor is the possibility of preparing students for professional certification.*
- *The management of the EP must provide evidence of the participation of students, teaching staff and other stakeholders in the development of the EP, ensuring their quality.*
- *The labor intensity of the EP should be clearly defined in Kazakhstani credits and ECTS.*
- *The management of the EP should ensure the content of academic disciplines and learning outcomes for the level of education (bachelor's, master's, doctoral studies).*
- *The structure of the EP should provide for various types of activities corresponding to the learning outcomes.*
- *An important factor is the correspondence between the content of the EP and the learning outcomes of the EP implemented by organizations of higher and (or) postgraduate education in the EHEA.*

### **Evidence**

The development of accredited EPs is carried out by the University independently on the basis of the Dublin descriptors and the European Qualifications Framework, in accordance with the Classifier of areas for training personnel with higher and postgraduate education, the requirements of the State Educational Standards, regulations of the field of higher and postgraduate education, as well as the Academic Policy of the University and is implemented through curricula (typical, individual and working) and programs (typical and syllabuses). The development of an educational program for three levels of study (bachelor's, master's, doctoral studies) is based on new regulatory legal acts for the implementation of the Law of the Republic of Kazakhstan dated July 4, 2018 No. educational institutions".

The EEC confirms the availability on the website of the university of a published full-text database of legal documents in PDF format related to the implementation of accredited EPs.

When attracting teaching staff, foreign scientists and employers to the implementation of the EP, their qualifications are taken into account - work experience in an NGO, the presence of a scientific or academic degree, title, etc. (Personnel policy, order No. 522-a dated December 31, 2020; Rules for the competitive replacement of positions of teaching staff and researchers, protocol No. 2 dated March 3, 2021; Regulations on attracting foreign specialists and the procedure for reimbursement of expenses by invitation, Protocol No. 2 dated March 3, 2021; Regulations on the Council of Employers, dated March 12, 2021).

The EEC notes that the composition of the Academic Council is a competent business community. Representatives of the employers of the Academic Council in agricultural areas are: head of the laboratory of the LLP "Kazakh Research Institute of Rice named after Y.Zhakhaev", Doctor of Agricultural Sciences. Toktamysov A.M., teachers of the Department of Agrarian Technologies Doctor of Agricultural Sciences, Associate Professor Tokhetova L.A., Senior Lecturer, Ph.D. Akhanov S.M., master student of the R-20-1 group Ermakhan S. Students take part in the discussion of the EP at the meetings of the department: doctoral student of the Agr-19-1D group Akhmedova G.B., master student of the R-20-1M group Yermakhan S., student of group Agr-18-1 Shortysh B.D.

The graduate qualification model is published on the university website (<https://korkyt.edu.kz/images/ModelRUS.pdf>).

### **Analytical part**

According to the Academic Policy (Approved and put into effect by the decision of the Academic Council of Korkyt Ata Kyzylorda State University. Protocol No. 2 of August 29, 2016 amendments and additions Protocol No. 5 of December 15, 2020, amendments and additions Protocol No. 5 of October 29, 2021 year.), the approval procedure for the EP is as follows:

1. An initial version of the EP is being developed, which is considered at a joint meeting of the Academic Councils in the areas of training and graduating departments.

2. Graduating departments of accredited EPs and Academic Councils, together with strategic partners (employers) and students, carry out the approval procedure (through presentations, round tables, seminars, etc.). In case of a positive decision, the Academic Councils in the areas of training recommend the EP for approval by the Academic Council of the University.

3. The study program is approved by the rector on the basis of a positive decision of the Academic Council of the University. The electronic version of the bachelor's program is posted on the university's website by the Department of Educational Programs, Master's and Doctoral Studies - by the Department of Postgraduate Education.

After the development of the EP, they, according to the Academic Policy, must undergo internal and external examinations. Internal expertise is carried out by the Academic Councils in



the areas of personnel training, the leading faculty and students. External expertise - representatives of Associations, educational organizations of the region, representatives of other universities, employers, strategic partners, representatives of business structures.

During the examination of the EP, the relevance of the EP, the fulfillment of the goals and objectives set by the EP, the completeness and logic of building the EP, the achievement of learning outcomes by students and their compliance with the requirements of professional standards are evaluated.

Model of a graduate of KU them. Korkyt Ata (<https://korkyt.edu.kz/images/ModelRUS.pdf>) is a comprehensive image of the result of studying at the university at all levels of education. The graduate model is recommended for use in the development of educational programs. The EEC confirms that the competence model of the EP graduate is comparable to the descriptors (A, B, C, D, E) of the corresponding level of education. Educational programs are consistent with the Dublin descriptors, in accordance with the European Qualifications Framework. The University has developed and approved the procedure for transferring ECTS credits on the basis of the regulatory documents of the Ministry of Education and Science of the Republic of Kazakhstan, which is the main document for the application of ECTS at the university. Actual volumes of loans are reflected in the PMM and in the syllabuses of disciplines.

Training of bachelors in EP 6B08171-Agronomy is carried out along two educational trajectories: "Agrotechnology" and "Breeding and seed production of agricultural crops".

The results of the survey of students show 100% satisfaction with the quality of educational programs (96.6% of respondents are completely satisfied and 3.4% are partially satisfied). 94.1% of respondents note that the content of the training courses is well structured.

EEC notes the absence of double-diploma programs for accredited EPs. Despite the fact that the creation of double-diploma EPs is planned by the department in the EP development plans for 2023, the actual measures for the implementation of these plans were not brought to the attention of the EEC.

#### **Strengths/best practice**

There are no strengths in this standard.

#### **EEC recommendations**

Until June 2023, complete the development of double-degree EPs, and from September 2023, begin training in double-degree EPs with partner universities.

**Conclusions of the EEC according to the criteria according to the standard "Development and approval of the educational program" according to OP 6B08171 Agronomy, 7M08172 Crop production, 8D08171 Agronomy: satisfactory - 11, requires improvement - 1.**

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

• *The EO should determine the mechanisms for monitoring and periodically evaluating the EP in order to ensure that the goal is achieved and meet the needs of students and society. The results of these processes should be aimed at continuous improvement of the EP.*

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

- *The content of the programs in the light of the latest achievements of science in a particular discipline to ensure the relevance of the discipline taught;*
- *Changes in the needs of society and the professional environment;*
- *Workload, performance and graduation of students;*
- *The effectiveness of student assessment procedures;*
- *Expectations, needs and satisfaction of students with EP training;*

- *Educational environment and support services and their relevance to the objectives of the EP.*
- *The PA, the management of the EP should determine a mechanism for informing all interested parties about any planned or taken actions in relation to the EP.*
- *All changes made to the EP must be published. The management of the EP should develop a mechanism for reviewing 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.*

### Evidence

The effectiveness of the goals of the EP is systematically assessed at scheduled meetings of the Department of Agrotechnology with the involvement of all categories of stakeholders (Protocol No. 8 of 04/21/21).

The university has support services that ensure the identification and satisfaction of the needs of various groups of students. These services include: the Department of Organization of the Educational Process, the Department of Planning the Educational Process and Academic Mobility, the Department of Strategic Planning, Monitoring and Quality Management, the Department of International Relations, the Department of Postgraduate Education, the Department of Recruiting. A key role in supporting students belongs to the administration and the above-mentioned specialized services.

To improve EP 6B08171 Agronomy, new modular trajectories have been developed to expand the range of educational services: "Agrotechnology" and "Breeding and seed production of crops." In particular, when developing the EP, the features of the updated content of education were taken into account.

Table 2 - QED disciplines recommended by employers

EP	Name of the discipline	Company/employer	Protocol
6B08171 Agronomy	Private plant growing	"Abzal and K" PT, Eraliev M.A., LLP Kazakh Research Institute of Rice named after. I. Zhakhaeva, Toktamysov A.M.	Department meeting No. 8, 04/21/2021
	"Fundamentals of intellectual property in breeding and seed production of agricultural plants":		
	"Regulatory bases of selection and seed production"; "Private plant growing";		
7M08172 Crop production	Agricultural crops cultivated for the diversification of crop production in Kazakhstan	"Abzal and K" PT, Eraliev M.A., LLP Kazakh Research Institute of Rice named after. I. Zhakhaeva, Toktamysov A.M.	Department meeting No. 8, 04/21/2021
	Instrumental methods in crop production		
	Planning scientific experiments in agronomy		
8D08171 Agronomy	Academic letter	LLP "Kazakh Research Institute of Rice named after. I. Zhakhaeva, Toktamysov A.M.	Department meeting No. 8, 04/21/2021

Teachers of practice are involved in the educational process. In the 2021-2022 academic year in EP 6B08171 Agronomy, Deputy Director for Agricultural Issues of the PT "Abzal and

K" Aliakbarov A.P. conducts practical classes in the following disciplines: for the Agr-18-1 group - "Technology of cultivation of perennial crops" (10 hours), Agr-19-1 - "Rice growing" (15 hours), Agr-20-1 - "Soil erosion" (15 hours).

All types of practice are organized and conducted in accordance with the State Educational Standard of the Republic of Kazakhstan Education System of the Republic of Kazakhstan. Professional practice. Introductory and final reporting conferences are held, as evidenced by the protocols available at the department (protocol No. 8 of 05/31/2019; minutes No. 8 of 06/12/2020; protocol No. 8 of 06/16/2021). The diaries and reports of students on practice, extracts from the statements of acceptances of reports were presented to the attention of the EEC.

The basis for the organization of production practice for accredited EPs is LLP "Kazakh Research Institute of Rice Farming named after. Y.Zhakhaev»

The graduating department "Agrarian Technologies", the Academic Council for Engineering, Technology and Agriculture, which takes into account the opinions of leading representatives of the teaching staff, as well as employers (stakeholders) and students, take part in the development of the EP. Representatives of employers is the head of the laboratory of LLP "Kazakh Research Institute of Rice named after Y.Zhakhaev", Doctor of Agricultural Sciences. Toktamysov A.M.

EEC testifies to the passage of external examinations by the accredited EP. Positive feedback on EP 6V08171 Agronomy, 7M08172 Crop production from Ph.D., Associate Professor of the West Kazakhstan Agrarian University named after Zhangirkhan Gabdulova M.A.; on EP 8D08171 Agronomy from PhD, assoc.prof. Department of Agronomy of the Faculty of Agrobiological Sciences KazNAIU Zhanbyrbaeva I.A.

The integration of science and the educational process is carried out in the form of scientific seminars. For example, on December 5, 2021, a scientific seminar was held on the topic: "The current state, problems and prospects of rice growing in the Kyzylorda region", held by the Deputy Director for Agrarian Affairs of Abzal and K LLP Aliaskarov A.P. The seminar was devoted to topical issues of using resource-saving technologies for growing rice in the Kyzylorda region, placing diversified low-water-consuming crops in rice crop rotations, increasing the competitiveness of rice growing in the domestic and foreign markets by processing rice waste.

### **Analytical part**

The EEC testifies that the Goals of the accredited EPs correspond to the mission, strategic plan, goals and objectives of the university and satisfy the needs of students to obtain relevant qualifications and competencies. This is confirmed by the results of interviews and surveys of students.

All regulatory documents are completed in the teaching materials of accredited EP ("Rules for the formation of an educational and methodological complex of a specialty", standards and EMCD ("Rules for the formation of an educational and methodological complex of disciplines"). The syllabuses of academic disciplines presented to the attention of the EEC in their content and thematic planning comply with the regulatory requirements of the Ministry of Education and Science RK and academic policy of the university.

The university uses a systematic approach, which implies the complexity and mutual consistency of the analysis and adjustment of the course content, their continuity and consistency. From these positions, the activities of the Academic Councils are built, which annually at the end of the academic year review, update and make adjustments to the Working Curricula, give recommendations on adjusting the teaching materials, etc.

The analysis of the results of interviews and questioning of students showed the presence of positive assessments of students in relation to their teachers. All respondents indicate that teachers have a positive attitude towards students (95% strongly agree and 5% partially agree). 99.2% of respondents gave a positive answer to the question: "The teacher satisfies my

requirements for personal development and professional development." 100% of respondents responded positively to the statements "The teacher owns the material taught" and "Equal opportunities are provided to all students."

The EEC notes that all accredited programs have reviews from only one reviewer, which does not ensure the proper representativeness of the opinions of external stakeholders and does not reflect the specifics of the existing educational trajectories.

It should be noted that for all accredited EPs and existing educational trajectories, the university has only one practice base - LLP "Kazakh Research Institute of Rice named after Y.Zhakhaev". This enterprise is also the main employer and external stakeholder.

#### **Strengths/best practice**

There are no strengths in this standard.

#### **EEC recommendations**

Starting from the 2022-2023 academic year, carry out external examinations for EP 6V08171 Agronomy, 7M08172 Crop production by at least 2 reviewers, taking into account the specifics of existing educational trajectories and analysis of QED disciplines.

**Conclusions of the EEC according to the criteria according to the standard "Continuous monitoring and periodic evaluation of educational programs" according to OP 6B08171 Agronomy, 7M08172 Crop production, 8D08171 Agronomy: satisfactory - 10.**

#### 6.5. Student-Centered Learning, Teaching and Assessment Standard

- *The management of the EP should ensure respect and attention to the various groups of students and their needs, providing them with flexible learning paths.*
- *The management of the EP should ensure the use of various forms and methods of teaching and learning.*
- *An important factor is the presence of own research in the field of teaching methods of academic disciplines of the EP.*
- *The management of the EP must demonstrate the existence of a feedback system on the use of various teaching methods and the assessment of learning outcomes.*
- *The management of the EP must demonstrate support for the autonomy of learners while being guided and assisted by the teacher.*
- *The management of the EP must demonstrate the existence of a procedure for responding to complaints from students.*
- *The PA must ensure consistency, transparency and objectivity of the mechanism for evaluating learning outcomes for each SP, including appeal.*
- *The PA must ensure that the procedures for evaluating the learning outcomes of students of the EP correspond to the planned results and goals of the program. Criteria and evaluation methods within the EP should be published in advance.*
- *The PA should define mechanisms to ensure the achievement of learning outcomes by each EP graduate and ensure the completeness of their formation.*
- *Assessors should be familiar with modern methods of evaluating learning outcomes and regularly improve their skills in this area.*

#### **Evidence**

The university provides the opportunity to study in Russian and Kazakh languages. Training in accredited EPs is carried out in the Kazakh language and in multilingual groups.

For a more complete realization of the individual needs of university students, the freedom of independent choice of disciplines from the catalog of elective disciplines (QED) and teachers is provided, which determines the trajectory of their learning. QEDs are updated and approved for each course of study annually: QED 2019 approved Protocol No. 7 of 04/26/2019;

QED 2020 approved Protocol No. 1 of 09/02/2020; QED 2021 approved Protocol No. 14 dated 04.06.2021.

In the process of introducing modern methods of teaching and learning at the departments, scientific, methodological and educational materials, teaching aids, educational and methodological complexes by disciplines are being developed (Table 3).

Table 3 - List of published monographs and textbooks for 2017-2022

№	Name	Year	Type of publishment	Authors
1	A tool for diploma and term papers of students majoring in "Agronomy"	Kyzylorda Protocol No.1 22.09.2017	KSU, 2017	Tautenov I.A. Baizhanova B.K. Nurgaliyev N.Sh.
2	Guidelines for independent work of students in the discipline "Fundamentals of Agronomy" for students 5B080600 - Agricultural machinery and technology	Kyzylorda Protocol No.1 15.09.2017	KSU, 2017	Baizhanova B.K. Akhanov S.M. Nurzhan D.Zh. Nurgaliyev N.Sh.
3	Barley breeding on saline soils	Kyzylorda, 2021	Korkyt Ata Kyzylorda University	Tokhetova L.A
4	Scientific bases of formation of high-yielding sorghum agrocenoses in the conditions of the Kazakhstan island region	Approved by the Korkyt Ata Scientific Council, 2020	Almaty, Zhetysu 2 district, 5/58 Evero Publishing House, 16.1	Tautenov I.A, Bekzhanov S.Zh.
5	"Kazakh-English-Russian reference dictionary of plant protection" 1,2-volume textbook	Almaty, Evero Publishing House, 2021	Korkyt Ata Kyzylorda University № 5, 27.05.2021 978-601-349-065-6	Nurymova R.D. Tokhetova L.A. Baizhanova B.K. Nurgaliyev N.Sh. Bekenbaeva Sh.Zh.
6	"Barley breeding on saline soils of the Aral Sea region".	Kyzylorda, 2021 ж	Monograph. 500 pcs. BBK 74.268 T 11. ISBN 978-601-02-0467-4	Tokhetova L.A

At the university, together and in agreement with the student, an individual curriculum (IEP) is formed, which determines its individual educational trajectory. An individual curriculum is formed for each academic year on the basis of the RUE and in accordance with the QED, in which the student chooses the disciplines on his own. Then the IEP is signed by the student, adviser-curator, head of the department and director of the institute. The approved IEP is transferred to the student.

According to the academic calendar, students of 2-4 courses at the end of the academic year in April choose elective disciplines and teachers for the next academic year, guided by the choice of a standard curriculum, a working curriculum, a catalog of elective disciplines, recommendations of an adviser-curator, and also on the basis of presentations teachers of their disciplines. First-year students determine an individual learning trajectory upon completion of enrollment from August 25 to 28, also guided by the help and recommendations of the adviser-curator (Regulations on the adviser-curator, approved by the rector on February 12, 2021).

The mechanism for ensuring the development of EP by students is defined by the Academic Policy in the Rules for conducting ongoing monitoring of progress, intermediate and final certification of students at the NAO "Kyzylorda University named after Korkyt-Ata" (Approved and put into effect by the decision of the Academic Council of Kyzylorda State University named after Korkyt-Ata. Protocol No. 2 dated August 29 2016, amendments and additions to protocol No. 5 of December 15, 2020, amendments and additions to protocol No. 5 of October 29, 2021.).

Assessment of learning outcomes (Table 4) is carried out on the basis of Section No. 2 of the Academic Policy "Control and assessment of students' knowledge", as well as the Code of Academic Integrity.

Table 4 - Information on the final state certification of students accredited by the EP for 3 academic years

Name of the EP	2018-2019			2019-2020			2020-2021		
	GPA	quality indicator	academic performance %	GPA	quality indicator	academic performance %	GPA	quality indicator	academic performance %
6B08171 Agronomy	-	-	-	3,63	100	100	3,56	100	100
7M08172 Crop production	-	-	-	3,56	100	100	-	-	-

#### Analytical part

In the course of interviewing teaching staff and students, the EEC found that the educational process uses such educational technologies and active learning methods as: information, information and communication, interactive, case method, associogram, Bloom's taxonomy, project, portfolio, role-playing games, business games, trainings, discussion seminars, problem conferences, debates, round tables, etc.

Interviewing the teaching staff and students showed that the training of persons with special educational needs in the EP is carried out taking into account their individual capabilities. The educational process can be organized both jointly with other students and individually. At the moment, there are no students with special needs for accredited EPs.

Based on the results of intermediate and final control, analytical materials are presented that use tabular and graphical forms that are convenient for decision-making at various levels of educational process management. All results are discussed at the meetings of the departments. Based on the results of its implementation, an action plan is drawn up to improve the process of teaching disciplines and eliminate the identified shortcomings. Information on progress (Table 4) is available to students thanks to the Platonus program and the programs "Automated workplace (AWP) of the department", "Workstation of the dean's office".

Organization of a system for monitoring and evaluating the knowledge of students in KU them. Korkyt Ata is carried out by the Registrar's Office on the basis of the rector's order to assign disciplines to the departments, where the forms and types of control by disciplines are established.

The current control of the progress of students is carried out in accordance with the approved schedule of training sessions.

Boundary or intermediate control is carried out after passing a certain section. The boundary control is carried out on the 7-8th and 14-15th weeks of theoretical training. The final

control (exam) is carried out taking into account the results of the current and midterm controls. Examinations are held in written, oral, test or combined forms.

Questioning of students showed that 99.8% of respondents agree with the statements "The material taught is relevant", "The teacher presents the material in an interesting way" and also "The teacher satisfies my requirements for personal development and professional formation". 100% of respondents are satisfied with the quality of educational programs and academic load/requirements for a student.

### **Strengths/best practice**

There are no strengths in this standard.

### **EEC recommendations**

There are no recommendations for this standard.

**Conclusions of the EEC according to the criteria according to the standard "Student-centered learning, teaching and assessment of progress" in OP 6B08171 Agronomy, 7M08172 Crop production, 8D08171 Agronomy: satisfactory - 10.**

### 6.6. Standard "Students"

- *The EO must demonstrate the existence of a policy for the formation of a contingent of students in the context of the EP from admission to graduation and ensure the transparency of its procedures. The procedures governing the life cycle of students (from admission to completion) must be defined, approved, published.*
- *The management of the EP should determine the procedure for the formation of a contingent of students based on:*
  - *Minimum requirements for applicants;*
  - *The maximum group size for seminars, practical, laboratory and studio classes;*
  - *Forecasting the number of government grants;*
  - *Analysis of available material and technical, information resources, human resources;*
  - *Analysis of potential social conditions for students, incl. provision of places in the hostel.*
- *The management of the EP must demonstrate readiness to conduct special programs of adaptation and support for newly enrolled and foreign students.*
- *The EO must demonstrate that its actions comply with the Lisbon Recognition Convention.*
  - *The BO should cooperate with other educational organizations and national centers of the "European Network of National Information Centers for Academic Recognition and Mobility/National Academic Recognition Information Centers" ENIC/NARIC in order to ensure comparable recognition of qualifications.*
- *The management of the EP must demonstrate the existence of a mechanism for recognizing the results of academic mobility of students, as well as the results of additional, formal and non-formal learning.*
- *The PA should provide an opportunity for external and internal mobility of students of the EP, as well as readiness to assist them in obtaining external grants for training.*
- *The management of the EP must demonstrate readiness to provide students with internship places, promote the employment of graduates, and maintain contact with them.*
- *The PA should provide for the possibility of providing EP graduates with documents confirming the qualifications received, including the learning outcomes achieved, as well as the context, content and status of the education received and evidence of its completion.*
- *An important factor is the availability of mechanisms for monitoring the employment and professional activities of EP graduates.*

## Evidence

The formation of a contingent of students is carried out by placing a state educational order for the training of scientific personnel, as well as paying for education at the expense of citizens' own funds and other sources. Career guidance work informing the contingent of students at the university is carried out by the Recruiting Center. Informing applicants about educational programs is carried out by means of electronic magazines ("Q-life"), websites, programs on the YouTube channel, social media platforms. Admission of students is carried out on the basis of a reasonable system of forms, methods and means of influence, professional selection of applicants for the EP and areas of training. The procedure for admission and enrollment in educational programs is based on the following documents: Law of the Republic of Kazakhstan "On Education" dated July 15, 2011 No. 461-IV; Order of the Minister of Education and Science of the Republic of Kazakhstan dated June 17, 2015 No. 391 "On approval of qualification requirements for educational activities and a list of documents confirming compliance with them"; Order of the Minister of Education and Science of the Republic of Kazakhstan dated April 20, 2011 No. 152 "On approval of the Rules for organizing the educational process on credit technology of education" and a number of state educational standards, etc.

In accordance with the presented contingent for educational programs, there is a positive trend or stability in the number of students: according to OP 6B08171 Agronomy in 2017. - 41, in 2018 - 41, in 2019 - 50, in 2020 - 60, in 2021 - 58 students; according to OP 7M08172 Crop production in 2017 - 3, in 2018 - 10, c. 2019 - 7, in 2020 - 12, in 2021 - 6 students; according to 8D08171 Agronomy in 2017 - 2, in 2018 - 3, c. 2019 - 2, in 2020 - 2, in 2021 - 1 student. The growth of the bachelor's contingent in the last three years is due to an increase in the number of students in DET (Distance educational technologies). The Department of "Agrarian Technologies" of accredited EPs systematically pursues a policy of forming a contingent according to OP 6B08171 Agronomy, 7M08172 Crop production, 8D08171 Agronomy. The structure of the EP allows students to engage in research work and study under the program of international academic mobility. For example, a doctoral student of the Agr-19D group Akhmedova Gulmira Baikenzhevna became the owner of a grant for the implementation of scientific, scientific and technical projects under the grant of the Chairman of the Board-Rector of Korkyt Ata Kyzylorda University for young scientists, the amount of funding is 2.500 million tenge for the period from 01.11.2021 to October 31, 2022

The e-univer.korkut.kz university has an electronic portal that has sections - the rector's blog - sending letters and receiving answers; blogs of heads of departments - sending letters to vice-rectors and receiving their answers; Public services - obtaining various certificates, obtaining places in a hostel; information system IS "Dean's office" - the introduction of tables, sending notifications to students and other organizational work; information system IS "Student" - attending chat classes, forums, taking tests, etc. [https://www.korkyt.kz/index.php?option=com\\_k2&view=item&layout=item&id=603&lang=en](https://www.korkyt.kz/index.php?option=com_k2&view=item&layout=item&id=603&lang=en). There are also AIS "E-Univer", "Platonus".

There is an educational department that works in the following areas: adaptation of students to the social environment, carrying out activities related to the management and conduct of research work, with a system of self-government, leisure, maintaining a healthy lifestyle. Students of EP 6B08171-Agronomy actively participate in the research work of students. The department of accredited EPs demonstrate the demand for graduates in the labor market, the formation of the skills and abilities necessary for their professional activities. Employment issues are supervised by the Department of Organization of the Educational Process under the Department of Academic Affairs, which creates a database of employers and vacancies in the specialties of the university, organizes information and consulting support for graduates in employment, maintains contact with youth employment centers and universities, employers' associations, alumni associations, youth NGOs, educational organizations and institutions. Alumni Association Korkyt Ata is actively conducting her work, moreover, in 2021, by the



decision of the Board of Directors of NJSC "KU named after. Korkyt Ata", formed in the "ENDAWMENT" fund.

NJSC "Kyzylorda University named after KorkytAt" provides preferential accommodation in a hostel for students from vulnerable social categories, in order to support all students, including students with special needs, the university provides an opportunity to receive education using DET. To ensure the physical accessibility of the educational environment, the educational buildings of the university are equipped with ramps, the toilets are re-equipped in accordance with the requirements for the accessibility of the educational environment.

The EEC confirms the existence of a mechanism to support gifted students in the form of scientific circles, competitions, competitions of scientific works among students.

Students of educational programs 6B08171 Agronomy, 7M08172 Crop production, 8D08171 Agronomy are provided with practice places that fully meet their professional needs. The bases of practice are the main employers according to these educational programs - "Abzal and K" PT, LLP "Kazakh Research Institute of Rice Farming named after. I. Zhakhaeva.

The commission testifies that the university provides assistance in the employment of graduates through regular job fairs with the invitation of representatives of employers, the publication of graduates' resumes on the website and maintains contact with graduates through social networks and personal contacts.

Representatives of practice bases and employers, when interviewed, gave a high positive response to the level of professional training of graduates of EP 6B08171 Agronomy, 7M08172 Crop production, 8D08171 Agronomy.

The EEC notes the consistently high employment of graduates accredited by the EP.

### **Analytical part**

The University has more than 30 partner universities in Kazakhstan and foreign countries, which provide students with the opportunity to study under academic mobility programs. They have the opportunity to choose a partner university they are interested in, which has an identical or adjacent EP. Also, the EP allows undergraduates and doctoral students to participate in research work, master the culture of research and study under the international academic mobility program, however, there is no activity in the implementation of the academic mobility program for students.

During the academic year, the faculty of the department "Agrarian Technologies", as well as students, conduct career guidance work to form a contingent of students for accredited EPs, however, the dynamics of the contingent of EP 7M08172 Crop production, 8D08171 Agronomy indicates a decrease in its number. Also, the commission notes the absence of outgoing external academic mobility under EP 6B08171 Agronomy, 7M08172 Crop production, 8D08171 Agronomy, as well as a low level of outgoing internal mobility for the period from 2017 to 2021.

The results of the survey of students indicate their satisfaction with the quality of the services provided, within the framework of the accredited EP.

Based on the results of interviews, familiarization with various documentation, material and technical base, information and methodological resources of the university and departments, and questioning of students and teaching staff, the EEC IAAR notes that the university provides students with internships, demonstrates the procedure for facilitating the employment of graduates, maintaining contact with them.

### **Strengths/best practice**

The university encourages students to self-education and development outside the main program (extracurricular activities).

The university has demonstrated the existence of a mechanism to support gifted students.

### **EEC recommendations**

By September 1, 2022, develop and approve a roadmap for incoming and outgoing academic mobility, taking into account the need for additional training in foreign and Russian languages for students.

**Conclusions of the EEC according to the criteria according to the standard "Students" according to EP 6B08171 Agronomy, 7M08172 Crop production, 8D08171 Agronomy: strong - 2, satisfactory - 10.**

### 6.7. Standard "Teaching Staff"

- *The EO must have an objective and transparent personnel policy, including in the context of the EP, including recruitment, professional growth and development of personnel, ensuring the professional competence of the entire staff.*
- *The EO must demonstrate the compliance of the staff potential of the teaching staff with the development strategy of the PA and the specifics of the EP.*
- *The management of the EP must demonstrate awareness of the responsibility for their employees and the provision of favorable working conditions for them.*
- *The leadership of the EP should demonstrate the change in the role of the teacher in connection with the transition to student-centered learning.*
- *The EO must determine the contribution of the teaching staff of the EP to the implementation of the development strategy of the EO, and other strategic documents.*
- *The EO should provide opportunities for career growth and professional development of the teaching staff of the EP.*
- *The management of the EP must demonstrate readiness to involve practitioners from relevant industries in teaching.*
- *The EO must demonstrate the motivation for the professional and personal development of EP teachers, including encouragement for the integration of scientific activities and education, the use of innovative teaching methods.*
- *An important factor is the willingness to develop academic mobility within the EP, to attract the best foreign and domestic teachers.*

#### **Evidence**

The EP manual demonstrates the application of the university's personnel policy for teaching staff involved in the implementation of the EP (<https://korkyt.edu.kz/images/kadrapolitikaRUS.pdf>). Recruitment is carried out on the basis of an analysis of the needs of the educational program, based on the results of which a competition is announced for filling vacant positions. The competition for filling vacant positions of teaching staff and researchers at the university is held in accordance with the current legislation (<https://korkyt.edu.kz/images/docs/ppsss46587.pdf>). Teachers once every 3 years undergo certification for compliance with the requirements of the position in the department in accordance with the Regulations on the certification of the teaching staff of Korkyt Ata KU, developed on the basis of the requirements of the Law of the Republic of Kazakhstan "On Education" (<https://korkyt.edu.kz>). The personnel policy of the department "Agrarian Technologies" is aimed at the formation of a high-quality teaching staff, which are the main indicators of the success of the implementation of the personnel policy.

Implementation of EP 6B08171 Agronomy, 7M08172 Plant growing, 8D08171 Agronomy. provided by scientific and pedagogical personnel with basic education corresponding to the profile of the disciplines taught, and systematically engaged in scientific and scientific and methodological activities.

In order to study the quality of teaching academic disciplines and the professional skills of teachers, the Information and Analytical Center of the Korkyt-Ata KU regularly conducts a sociological survey on the topic "Teacher through the eyes of students".

The staffing of professorial and teaching staff for accredited EPs of the department is 100%. The average age of full-time teaching staff with academic degrees and titles in the 2020-2021 academic year was 48.9 years. The degree of teaching staff in the department "Agrarian technologies" is 68.2%.

The teaching staff of the department annually participates in the preparation and implementation of scientific projects. So, professor of the department, Doctor of Agricultural Sciences Tokhetova L.A. is an executor of a scientific project on the topic "Creation of highly productive varieties and hybrids of grain crops based on the achievements of biotechnology, genetics, physiology, biochemistry of plants for their sustainable production in various soil and climatic zones of Kazakhstan" within the framework of program-targeted funding of scientific research for 2021- 2023 Ministry of Agriculture of the Republic of Kazakhstan BR10765056.

Under her leadership, within the framework of program-targeted funding of scientific research in 2018-2020, a scientific project was completed: "Creation of a new salt-tolerant barley variety competitive in productivity, grain quality, adaptability to environmental stress factors when cultivated in environmentally unfavorable conditions in Kazakhstan".

The formation of a qualitative composition of the teaching staff as one of the priority areas is reflected in the Strategic Development Plans of the departments for 2021-2025.

The university has a rating assessment of the activities of the teaching staff (<https://korkyt.edu.kz/images/russcvcsdf.pdf>), by order of the rector, personal allowances are established for teachers' official salaries.

Teaching staff of accredited EPs undergo internships and advanced training courses, incl. to improve IT competence, the activity of teaching staff in this direction increases over the years: in 2017 - 27.6%, 2018 - 27%, 2019 - 40.7%, 2020 - 87%.

The Department of Agricultural Technologies has created all the conditions for the development of young teachers. Every year it is planned to enroll young teachers in the magistracy and target doctoral studies. Requests are being formed for admission to the target doctoral studies for young teachers.

Since 2020, the University has established a regional TOEFL Testing Center of KorkytAt Kyzylorda University in agreement with the Global Associated Partners Network (Educational Testing Service (ETS) Global Preferred Associate Network) in order to test international exams in English as a foreign language TOEFL ITP Test / TOEFL Junior Standard Test / TOEFL primary Test / TOEIC Bridge™ / TOEIC® Listening & Reading Test/ TOEIC® Speaking&WritingTest/ WiDaFTest.

For the development of young teachers at the Department of "Agrarian Technologies" accredited EP 6B08171 Agronomy, 7M08172 Crop production, 8D08171 Agronomy, young teachers visit open classes of professors, associate professors; visiting classes of young teachers with subsequent analysis and recommendations; passing advanced training courses; participation in scientific and practical conferences (republican, international).

### **Analytical part**

The Commission notes a small number of teaching staff publications in journals with a high impact factor (only 4 publications) for the period 2017-2021 within the framework of EP 6B08171 Agronomy, 7M08172 Crop production, 8D08171 Agronomy. In the course of interviews with teachers, they noted that there is not enough time to actively engage in science due to the workload of classes and other types of work. The lack of own scientific research explains the lack of publications, scientific publications, titles of protection. Lack of knowledge of the English language is also the reason for poor publicity in rating journals. The share of teaching staff of the department with the Kazakh language of instruction is 100%, 1 teacher with English as the language of instruction (Tokhetova L.A.) - 4.34%. The highest citation indices of publications are among teachers Tokhetova L.A. - index h-4, Tautenov I.A. – index h-1. There are patents for a selection achievement, where teachers of the University co-authored, but the copyright holder is LLP "Kazakh Research Institute of Rice Farming named after. I. Zhakhaev.

It is necessary to expand the programs and the number of teachers participating in the framework of academic mobility. It is also necessary to intensify the participation of teachers in joint scientific research with foreign partners and international projects. The EEC notes that in the orders on internal mobility of the teaching staff there is no reference to the document on the basis of which the teacher's hours are changed at his native university, since, in accordance with the order, he leaves to read 1 discipline, there is no explanation of how the main workload of the departing student is distributed another university teacher.

In accordance with the results of the survey, the teaching staff of the EP often face the problem of the lack of necessary scientific and educational literature in the university libraries (2%), they note the lack of provision of the material and technical base with modern equipment, and poor Internet connection in some classrooms.

### **Strengths/best practice**

The university has demonstrated the presence of a motivation mechanism for the professional and personal development of teaching staff.

The university demonstrates the involvement of teaching staff in the development of the economy, education, science and culture of the region and the country.

### **EEC recommendations**

By September 1, 2022, develop and approve a roadmap for incoming and outgoing academic mobility, taking into account the need for additional training in a foreign language for teaching staff.

Before the start of the 2023-2024 academic year, increase the knowledge of at least 5% of the teaching staff in the EP in a foreign language of level B1.

Until September 2024, increase the number of published works of the teaching staff of the department in the direction of Agronomy and Crop Production in journals with a non-zero impact factor up to 10 publications.

Until September 2022, based on an analysis of the needs of the teaching staff, develop a roadmap for improving and modernizing the library fund and laboratory equipment, taking into account the latest scientific achievements in the field of Agronomy and Crop Production.

**Conclusions of the EEC according to the criteria according to the standard "Teaching staff" according to EP 6B08171 Agronomy, 7M08172 Crop production, 8D08171 Agronomy: strong - 2, satisfactory - 8.**

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

• *The EO must ensure that there are sufficient learning resources and student support services that are consistent with the objectives of the EP.*

• *The EO must demonstrate the sufficiency of material and technical resources and infrastructure, taking into account the needs of various groups of students in the context of the EP (adults, employed, foreign students, as well as students with disabilities).*

• *The management of the EP must demonstrate the existence of procedures for supporting various groups of students, including information and counseling. The EP management must demonstrate the compliance of information resources with the specifics of the EP, including:*

• *technological support for students and teaching staff in accordance with educational programs (for example, online learning, modeling, databases, data analysis programs);*

• *library resources, including a fund of educational, methodical and scientific literature on general education, basic and major disciplines on paper and electronic media, periodicals, access to scientific databases;*

• *examination of the results of research, final works, dissertations for plagiarism;*

• *access to educational Internet resources;*

• *functioning of WI-FI on the territory of the organization of education.*

- *EO should strive to ensure that the educational equipment and software intended for use in the development of educational programs are similar to those used in the respective industries.*

### **Evidence**

In the course of the implementation of the strategic plan, systematic work is being carried out to update and improve the material and technical base of 6B08171 Agronomy, 7M08172 Crop production, 8D08171 Agronomy. Technical and library resources contribute to the development of technological support for students and teaching staff in accordance with the requirements of the EP. EPs are accompanied by ICT. When preparing specialists for accredited educational programs, the bases of the Engineering and Technology Institute and the university as a whole are used. There is a greenhouse facility and an agrobiological site with an area of 6.0 hectares, which are the basis for the implementation of research and field practices of accredited EPs. In addition, Korkyt Ata Kyzylorda University, within the framework of the program of the Ministry of Education and Science of the Republic of Kazakhstan to create a Center for Academic Excellence (CAC) for the Department of Agricultural Technologies, plans to launch in 2022-2023. "Agrochemical Laboratory".

Each academic building and all dormitories of the Kyzylorda University. Korkyt Ata has libraries and reading rooms, which creates convenience in obtaining educational services. The University provides access to foreign subscription databases Elsevier, Springer, Scopus scientometric databases.

In order to identify the degree of borrowing of information in the results of research, graduation theses, dissertations without reference to sources, the licensed program "Antiplagiat" <https://korkyt.antiplagiat.ru> is used in Korkyt Ata University.

In the course of the work of the EEC, the experts made sure that the department does not have sufficient material, technical, information resources for the implemented EP, but it has library resources used to organize the process of teaching and educating students, the book supply per 1 student of the reduced EP contingent is 7.2 copies. The classrooms used in the educational process of the EP cluster are connected to the global Internet and the local network of the university. The audiences are decorated with stands with educational materials, interactive whiteboards, projectors. Students of the EP cluster use the computer rooms of the university, united in a local network, and having a connection to broadband Internet access. All buildings in which classes are held comply with sanitary standards, fire safety requirements and the requirements of state mandatory standards for the specialties being implemented.

As a result of a visual inspection by members of the EEC of the objects of the material base, it was noted that in order to ensure the educational process of accredited educational programs, the department provides dual training for certain types of disciplines.

### **Analytical part**

EEC testifies to the presence of only one organization (LLP "Kazakh NIIR named after I. Zhakhaev") as a base of practices. All students, regardless of the level of training and the chosen educational trajectory, undergo internships in this LLP, which does not allow to fully cover the entire list of potential employment opportunities for graduates and provide practical training in various fields of crop production and agronomy.

A visit by the experts to the website of the university (<https://korkyt.edu.kz/>) showed the absence of a functioning version for the visually impaired on it. When you switch to this option, the site goes into a test mode of development and content design.

Stakeholder interviews, visual inspection of classrooms based on the provided video materials and the study of departmental documentation showed an insufficient level of material support of the department to ensure teaching based on modern achievements of world science and practice in the field of preparation and performance of scientific work at the required level. In accordance with the prepared application for the purchase of new equipment in 2022, the

purchase of scientific instruments and equipment for the EP "Agronomy" of master's and doctoral studies is not provided.

The Commission notes insufficient conditions for conducting scientific research, integrating science and education, publishing the results of research work of teaching staff, staff and students. The reasons for this are complex: the lack of proper funding does not allow equipping the EP with modern scientific and laboratory equipment. The lack of modern equipment does not allow carrying out scientific research at the modern methodological level for further publication in high-ranking journals. The lack of publications with an impact factor does not allow taking part in competitions for grant funding from the Ministry of Education and Science and other foundations. The lack of funded R&D does not allow equipping the EP with modern equipment and planning publications in journals with a non-zero impact factor.

### **Strengths/best practice**

There are no strengths in this standard.

### **EEC recommendations**

Starting from the 2022-2023 academic year, increase the number of practice bases in order to maximize the coverage of potential employers and the specifics of educational trajectories.

By September 1, 2022, complete the creation of a version of the university website for the visually impaired.

Until October 1, 2022, apply for the purchase of modern scientific and laboratory equipment necessary for conducting research in the areas of Agronomy and Crop Production.

**EEC conclusions according to the criteria according to the standard "Educational resources and student support systems" according to EP 6B08171 Agronomy, 7M08172 Crop production, 8D08171 Agronomy: satisfactory - 13.**

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

- *The EO must publish reliable, objective, up-to-date information about the educational program and its specifics, which should include:*
  - *expected learning outcomes of the implemented educational program;*
  - *qualifications and (or) qualifications that will be awarded upon completion of the educational program;*
  - *approaches to teaching, learning, as well as the system (procedures, methods and forms) of assessment;*
  - *information about passing scores and learning opportunities provided to students;*
  - *information about employment opportunities for graduates.*
- *The leadership of the EP should provide for a variety of ways to disseminate information, including the media, information networks to inform the general public and interested parties.*
  - *Informing the public should include support and explanation of national programs for the development of the country and the system of higher and postgraduate education.*
  - *EO must demonstrate the reflection on the web resource of information that characterizes it as a whole and in the context of educational programs.*
  - *An important factor is the availability of adequate and objective information about the teaching staff of the EP.*
  - *An important factor is informing the public about cooperation and interaction with partners within the framework of the EP.*

### **Evidence**

Following the principles of openness and accessibility to the public, the University openly posts complete and reliable information about its activities, rules for admission of applicants, educational programs, terms and forms of study, graduate reviews, contact information and other useful information for applicants and students on various information media. The main channel for informing the public (future students, their parents, students, graduates and employers) is the official website of the University (<https://korkyt.edu.kz>), a press digest has been compiled indicating links and topics of materials published in the media. For example, over the past month, 477 materials have been published in the media and social networks. Of these, in the media - 142, in social networks - 202, the Rector - 13 and a briefing - 19 (akkred2021kkn@mail.ru). The University Media Center has moved into a new direction in the dissemination of information and has started several new projects. In particular, the program "Student vibe", which tells about talented and active students.

For timely informing the public about the events held at the university, links have been established with 7 regional sites. Information on educational programs 6B08171 Agronomy, 7M08172 Crop production, 8D08171 Agronomy, including its goals, learning outcomes, qualifications awarded, teaching staff, teaching methods (on the page of the Department of Agrarian Technologies [https://www.korkyt.kz/index.php?option=com\\_k2&view=item&layout=item&id=603&lang=ru](https://www.korkyt.kz/index.php?option=com_k2&view=item&layout=item&id=603&lang=ru) and assessment of educational achievements, training and employment opportunities, etc. posted on the University website (<https://korkyt.edu.kz>), and twitter.com/QorqytAta\_edu (twitter), QorqytAta\_pressa (telegram), korkytata\_university (instagram), qorqyt\_students (Tik-tok) and QorqytAta (facebook).

The university also has its own scientific publications - Bulletin of the KorkytAt State University (<https://vestnik.korkyt.kz/>), as well as the high-circulation university newspaper Syr Tylegi ([https://korkyt.edu.kz/index.php?option=com\\_k2&view=item&layout=item&id=1842&Itemid=948&lang=ru](https://korkyt.edu.kz/index.php?option=com_k2&view=item&layout=item&id=1842&Itemid=948&lang=ru)).

The journal "Bulletin of KorkytAt State University" in the agricultural direction since January 2022 has been included in the list of publications recommended by the Committee for Quality Assurance in Education and Science of the Ministry of Education and Science of the Republic of Kazakhstan for the publication of the main results of scientific activity (Order No.63 dated February 21, 2022.). <https://www.gov.kz/memleket/entities/control/documents/1?lang=ru&type=2>

### **Analytical part**

On the department page in the faculty section, full information about each teacher is provided by hyperlinking a full-text resume in pdf format indicating the academic degree, title, length of service, field of activity, main taught disciplines, areas of scientific interest, publications and contact information with photo attachment .

The audited financial statements of the university are posted on the university website (<https://korkyt.edu.kz>) in the "University" section ([https://korkyt.edu.kz/index.php?option=com\\_k2&view=item&layout=item&id=709&Itemid=856&lang=ru](https://korkyt.edu.kz/index.php?option=com_k2&view=item&layout=item&id=709&Itemid=856&lang=ru)).

At the same time, the commission notes that the following questions regarding this standard are not fully reflected in the self-report and were not confirmed during the EEC visit. In the description of the educational program on the website of the department, there is no information on the available options for choosing an educational trajectory. The published documents on the EP refer only to the last year of admission. Data for MNP 2017, 2018, 2019, 2020 are not available on the site. On the website of the department in the description of the EP there is no information about its positioning at the regional, republican and international levels and distinctive features compared to similar EPs of other universities, on the basis of which applicants could make an informed choice of a university for admission, and students could choose areas of academic mobility.

### **Strengths/best practice**

The university publishes on open resources reliable and detailed information about the teaching staff, in the context of personalities.

The university publishes audited financial statements for the EP on its own web resource.

### **EEC recommendations**

By July 2022, publish on the university website information about the uniqueness of accredited EPs, their positioning at the regional, national and international levels, available areas of training and MEPs.

**Conclusions of the EEC according to the criteria according to the standard "Informing the public" according to EP 6B08171 Agronomy, 7M08172 Crop production, 8D08171 Agronomy: strong - 2, satisfactory - 10.**

## **(VI) OVERVIEW OF STRENGTHS/BEST PRACTICE FOR EACH STANDARD**

**Strengths/best practice EP 6B08171 Agronomy, 7M08172 Plant growing, 8D08171 Agronomy**

### **Standard "Management of the educational program"**

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

The management of the EP demonstrates its openness and accessibility for students, teaching staff, employers and other interested parties

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

There are no strengths in this standard.

### **Standard "Development and approval of the educational program"**

There are no strengths in this standard.

**Standard "Continuous monitoring and periodic evaluation of the educational program"**

There are no strengths in this standard.

### **Student-Centered Learning, Teaching and Assessment Standard**

There are no strengths in this standard.

### **Standard "Students"**

The university encourages students to self-education and development outside the main program (extracurricular activities).

The university has demonstrated the existence of a mechanism to support gifted students.

### **Standard "Teaching Staff"**

The university has demonstrated the presence of a motivation mechanism for the professional and personal development of teaching staff.

The university demonstrates the involvement of teaching staff in the development of the economy, education, science and culture of the region and the country.

### **Standard "Educational resources and student support systems"**

There are no strengths in this standard.



### **Public Information Standard**

The university publishes on open resources reliable and detailed information about the teaching staff, in the context of personalities.

The university publishes audited financial statements for the EP on its own web resource.

## **(VII) OVERVIEW OF RECOMMENDATIONS FOR IMPROVING QUALITY**

### **Recommendations for EP 6B08171 Agronomy, 7M08172 Plant growing, 8D08171 Agronomy**

#### **According to the standard "Management of the educational program"**

By September 1, 2022, develop and approve at the Academic Council a regulatory document on innovation management and commercialization of research results

#### **According to the standard "Development and approval of the educational program"**

Until June 2023, complete the development of double-degree EPs, and from September 2023, begin training in double-degree EPs with partner universities.

#### **According to the standard "Continuous monitoring and periodic evaluation of the educational program"**

Starting from the 2022-2023 academic year, carry out external examinations for EP 6V08171 Agronomy, 7M08172 Crop production by at least 2 reviewers, taking into account the specifics of existing educational trajectories and analysis of QED disciplines.

#### **According to the standard "Students"**

By September 1, 2022, develop and approve a roadmap for incoming and outgoing academic mobility, taking into account the need for additional training in foreign and Russian languages for students.

#### **According to the standard "Teaching staff"**

By September 1, 2022, develop and approve a roadmap for incoming and outgoing academic mobility, taking into account the need for additional training in a foreign language for teaching staff.

Before the start of the 2023-2024 academic year, increase the knowledge of at least 5% of the teaching staff in the EP in a foreign language of level B1.

#### **According to the standard "Educational resources and student support systems"**

Starting from the 2022-2023 academic year, increase the number of practice bases in order to maximize the coverage of potential employers and the specifics of educational trajectories.

By September 1, 2022, complete the creation of a version of the university website for the visually impaired

## **(VIII) OVERVIEW OF THE RECOMMENDATION FOR THE DEVELOPMENT OF EDUCATIONAL ORGANIZATION**

Not identified

## **(IX) RECOMMENDATION TO THE ACCREDITATION BOARD**

The external expert commission made a unanimous decision to recommend to the Accreditation Council the educational programs 6B08171 Agronomy, 7M08172 Crop

production, 8D08171 Agronomy of the Non-Profit Joint Stock Company “Kyzylorda University named after Korkyt Ata” to be accredited for a period of 5 (five) years.

### Appendix 1. Evaluation table "PARAMETERS OF A SPECIALIZED PROFILE"

#### Conclusion of the external expert commission for assessing the quality of educational programs "Kyzylorda University named after Korkyt Ata"

№	№	Evaluation criteria	Position of the educational organization			
			Strong	Satisfactory	Assumes improvement	Unsatisfactory
<b>Standard "Management of the educational program"</b>						
1	1.	The university must demonstrate the development of the goal and development strategy of the EP based on the analysis of external and internal factors with the wide involvement of various stakeholders		+		
2	2.	The quality assurance policy should reflect the relationship between research, teaching and learning	+			
3	3.	The university demonstrates the development of a culture of quality assurance		+		
4	4.	Commitment to quality assurance should apply to any activity performed by contractors and partners (outsourcing), including the implementation of joint/double-degree education and academic mobility		+		
5	5.	The management of the EP ensures the transparency of the development plan for the development of the EP based on an analysis of its functioning, the real positioning of the university and the focus of its activities on meeting the needs of students, the state, employers and other stakeholders		+		
6	6.	The EP management demonstrates the functioning of the mechanisms for the formation and regular revision of the EP development plan and monitoring its implementation, assessing the achievement of learning goals, meeting the needs of students, employers and society, making decisions aimed at continuous improvement of the EP		+		
7	7.	The management of the EP should involve representatives of stakeholder groups, including employers, students and teaching staff in the formation of a development plan for the EP		+		
8	8.	The management of the EP must demonstrate the individuality and uniqueness of the EP development plan, its consistency with national development priorities and the development		+		

		strategy of the educational organization				
9	9.	The university must demonstrate a clear definition of those responsible for business processes within the framework of the EP, the distribution of staff duties, and the delimitation of the functions of collegial bodies		+		
10	10.	The management of the EP ensures the coordination of the activities of all persons involved in the development and management of the EP, and its continuous implementation, and also involves all interested parties in this process		+		
11	11.	The EP management must ensure the transparency of the management system, the functioning of the internal quality assurance system, including its design, management and monitoring, and the adoption of appropriate decisions		+		
12	12.	The management of the EP should carry out risk management		+		
13	13.	The management of the EP should ensure the participation of representatives of interested parties (employers, teaching staff, students) in the collegiate management bodies of the educational program, as well as their representativeness in making decisions on the management of the educational program		+		
14	14.	The university must demonstrate innovation management within the EP, including the analysis and implementation of innovative proposals			+	
15	15.	The management of the EP must demonstrate its openness and accessibility for students, teaching staff, employers and other interested parties	+			
16	16.	The management of the EP confirms the completion of training in education management programs		+		
17	17.	The management of the EP should strive to ensure that the progress made since the last external quality assurance procedure is taken into account when preparing for the next procedure.		+		
<b>Total by standard</b>			2	14	1	0
<b>Information Management and Reporting Standard</b>						
18	1.	The university must ensure the functioning of the system for collecting, analyzing and managing information based on modern information and communication technologies and software		+		
19	2.	The EP guidance demonstrates the systematic use of processed, adequate information to improve the internal quality assurance system		+		
20	3.	The management of the EP demonstrates the presence of a reporting system that reflects the activities of all structural units and departments within the EP, including an assessment of their performance		+		
21	4.	The university must determine the frequency, forms and methods for assessing the management of the EP, the activities of collegial bodies and structural divisions, top management		+		
22	5.	The university must demonstrate a mechanism for ensuring the protection of information, including determining the		+		

		persons responsible for the reliability and timeliness of the analysis of information and the provision of data				
23	6.	The university demonstrates the involvement of students, employees and teaching staff in the processes of collecting and analyzing information, as well as making decisions based on them		+		
24	7.	The EP management must demonstrate the existence of communication mechanisms with students, employees and other stakeholders, including conflict resolution		+		
25	8.	The university must ensure the measurement of the degree of satisfaction with the needs of students, teaching staff and staff within the framework of the EP and demonstrate evidence of the elimination of identified shortcomings		+		
26	9.	The university should evaluate the effectiveness and efficiency of activities in the context of the EP		+		
		<i>The information collected and analyzed by the university within the framework of the EP should take into account:</i>				
27	10.	key performance indicators		+		
28	11.	the dynamics of the contingent of students in the context of forms and types		+		
29	12.	academic performance, student achievement and dropout		+		
30	13.	satisfaction of students with the implementation of the EP and the quality of education at the university		+		
31	14.	availability of educational resources and support systems for students		+		
32	15.	employment and career growth of graduates		+		
33	16.	Students, teaching staff and staff must document their consent to the processing of personal data		+		
34	17.	The management of the EP should contribute to the provision of the necessary information in the relevant fields of science		+		
<b>Total by standard</b>			0	17	0	0
<b>Standard "Development and approval of the educational program"</b>						
35	1.	The university must demonstrate the existence of a documented procedure for the development of the EP and its approval at the institutional level		+		
36	2.	The university must demonstrate the compliance of the developed EP with the established goals and planned learning outcomes		+		
37	3.	The EP management should determine the influence of disciplines and professional practices on the formation of learning outcomes		+		
38	4.	The university demonstrates the presence of a model of a graduate of the EP, which describes the learning outcomes and personal qualities		+		
39	5.	The qualification awarded upon completion of the EP must be clearly defined, explained and correspond to a certain level of NQF, QF-EHEA		+		
40	6.	The management of the EP must demonstrate the modular structure of the program based on ECTS, ensure that the structure of the content of the EP corresponds to the goals set, with a focus on achieving the planned learning outcomes for each graduate		+		

41	7.	The management of the EP should ensure that the content of academic disciplines and learning outcomes correspond to each other and the level of education (bachelor's, master's, doctoral studies)		+		
42	8.	The management of the EP must demonstrate the conduct of external reviews of the EP		+		
43	9.	The management of the EP must provide evidence of the participation of students, teaching staff and other stakeholders in the development and quality assurance of the EP		+		
44	10.	The management of the EP must demonstrate the uniqueness of the educational program, its positioning in the educational market (regional/national/international)		+		
45	11.	An important factor is the possibility of preparing students for professional certification		+		
46	12.	An important factor is the presence of a joint (s) and / or two-degree EP with foreign universities			+	
<b>Total by standard</b>			0	11	1	0
<b>Standard "Continuous monitoring and periodic evaluation of the educational program"</b>						
47	1.	The university must ensure the revision of the structure and content of the EP, taking into account changes in the labor market, the requirements of employers and the social demand of society		+		
48	2.	The university must demonstrate the existence of a documented procedure for monitoring and periodic evaluation in order to achieve the goal of the EP and continuously improve the EP		+		
		Monitoring and periodic evaluation of the EP should consider:				
49	3.	the content of the program in the context of the latest achievements of science and technology in a particular discipline		+		
50	4.	changing needs of society and the professional environment		+		
51	5.	workload, performance and graduation of students		+		
52	6.	effectiveness of student assessment procedures		+		
53	7.	needs and satisfaction of students		+		
54	8.	compliance of the educational environment and the activities of support services with the goals of the EP		+		
55	9.	The management of the EP should publish information about changes to the EP, inform interested parties about any planned or undertaken actions within the EP		+		
56	10.	Support services should identify the needs of various groups of students and the degree of their satisfaction with the organization of training, teaching, assessment, mastering the EP in general		+		
<b>Total by standard</b>			0	10	0	0
<b>Student-Centered Learning, Teaching and Assessment Standard</b>						
57	1.	The management of the EP should ensure respect and attention to the various groups of students and their needs, providing them with flexible learning paths		+		

58	2.	The management of the EP should ensure teaching on the basis of modern achievements of world science and practice in the field of training, the use of various modern methods of teaching and evaluating learning outcomes that ensure the achievement of the objectives of the EP, including competencies, skills to perform scientific work at the required level		+		
59	3.	The management of the EP should determine the mechanisms for distributing the teaching load of students between theory and practice within the framework of the EP, ensuring the mastery of the content and achievement of the objectives of the EP by each graduate		+		
60	4.	An important factor is the presence of own research in the field of teaching methods of EP disciplines		+		
61	5.	The university must ensure that the procedures for evaluating learning outcomes correspond to the planned results and goals of the EP		+		
62	6.	The university must ensure the consistency, transparency and objectivity of the mechanism for assessing the learning outcomes of the EP, the publication of criteria and methods for assessing learning outcomes in advance		+		
63	7.	Assessors must be familiar with modern methods for assessing learning outcomes and regularly improve their skills in this area.		+		
64	8.	The management of the EP must demonstrate the existence of a feedback system on the use of various teaching methods and the assessment of learning outcomes		+		
65	9.	The management of the EP must demonstrate support for the autonomy of learners while providing guidance and assistance from the teacher.		+		
66	10.	The management of the EP must demonstrate the existence of a procedure for responding to complaints from students		+		
<b>Total by standard</b>			0	10	0	0
<b>Standard "Students"</b>						
67	1.	The university must demonstrate the policy of forming a contingent of students and ensure transparency, publicity of the procedures governing the life cycle of students (from admission to completion)		+		
68	2.	The management of the EP should provide for special adaptation and support programs for newly enrolled and foreign students		+		
69	3.	The university must demonstrate the compliance of its actions with the Lisbon Recognition Convention, including the existence and application of a mechanism for recognizing the results of academic mobility of students, as well as the results of additional, formal and non-formal education		+		
70	4.	The university should provide an opportunity for external and internal academic mobility of students, as well as assist them in obtaining external grants for study		+		
71	5.	The university should encourage students to self-education and development outside the main program (extracurricular activities)	+			
72	6.	An important factor is the existence of a mechanism to support gifted students.	+			
73	7.	The university must demonstrate cooperation with other educational organizations and national centers of the "European Network of National Information Centers for Academic Recognition and Mobility / National Academic Recognition Information Centers" ENIC / NARIC in order to ensure		+		

		comparable recognition of qualifications				
74	8.	The university must provide students with internship places, demonstrate the procedure for facilitating the employment of graduates, maintaining contact with them		+		
75	9.	The university must demonstrate the procedure for issuing documents to graduates confirming the qualifications received, including the achieved learning outcomes		+		
76	0.	The management of the EP must demonstrate that program graduates have skills that are in demand in the labor market and that these skills are really relevant		+		
77	1.	The management of the EP must demonstrate the existence of a mechanism for monitoring the employment and professional activities of graduates		+		
78	2.	An important factor is the existence of an active alumni association/union		+		
<b>Total by standard</b>			2	10	0	0
<b>Standard "Teaching Staff"</b>						
79	1.	The university must have an objective and transparent personnel policy in the context of the EP, including recruitment (including invited teaching staff), professional growth and development of staff, ensuring the professional competence of the entire staff		+		
80	2.	The university must demonstrate the compliance of the qualitative composition of the teaching staff with the established qualification requirements, the strategy of the university, and the goals of the EP		+		
81	3.	The management of the EP should demonstrate the change in the role of the teacher in connection with the transition to student-centered learning and teaching		+		
82	4.	The university should provide opportunities for career growth and professional development of teaching staff, including young teachers		+		
83	5.	The university should involve in the teaching of specialists from relevant industries with professional competencies that meet the requirements of the EP		+		
84	6.	The university must demonstrate the presence of a motivation mechanism for the professional and personal development of teaching staff	+			
85	7.	The university must demonstrate the widespread use of information and communication technologies and software in the educational process by the teaching staff (for example, on-line training, e-portfolio, MEPs, etc.)		+		
86	8.	The university must demonstrate the focus on the development of academic mobility, attracting the best foreign and domestic teachers		+		
87	9.	The university must demonstrate the involvement of each teacher in promoting a culture of quality and academic integrity at the university, determine the contribution of teaching staff, including those invited, to achieving the goals of the EP		+		
88	10.	An important factor is the involvement of teaching staff in the development of the economy, education, science and culture of the region and the country	+			
<b>Total by standard</b>			2	8	0	0
<b>Standard "Educational resources and student support systems"</b>						

89	1.	The university must guarantee the compliance of the infrastructure, educational resources, including material and technical, with the goals of the educational program		+		
90	2.	The management of the EP must demonstrate the sufficiency of classrooms, laboratories and other facilities equipped with modern equipment to ensure the achievement of the objectives of the EP		+		
		The university must demonstrate the compliance of information resources with the needs of the university and the ongoing EPs, including in the following areas:				
91	3.	technological support for students and teaching staff in accordance with educational programs (for example, online learning, modeling, databases, data analysis programs)		+		
92	4.	library resources, including a fund of educational, methodical and scientific literature on general education, basic and major disciplines on paper and electronic media, periodicals, access to scientific databases		+		
93	5.	examination of the results of research, final works, dissertations for plagiarism		+		
94	6.	access to educational Internet resources		+		
95	7.	functioning of Wi-Fi on the territory		+		
96	8.	The university must demonstrate that it creates conditions for conducting scientific research, integrating science and education, publishing the results of research work of teaching staff, staff and students		+		
97	9.	The university should strive to ensure that the educational equipment and software used for the development of educational programs are similar to those used in the relevant sectors of the economy		+		
98	10.	The management of the EP must demonstrate the existence of procedures for supporting various groups of students, including information and counseling		+		
99	11.	The management of the EP should show the existence of conditions for the advancement of the student along an individual educational trajectory		+		
100	12.	The university must take into account the needs of different groups of students (adults, working, foreign students, as well as students with special educational needs)		+		
101	13	The university must ensure that the infrastructure meets the safety requirements		+		
<b>Total by standard</b>			0	13	0	0
<b>Public Information Standard</b>						
102	1.	The university guarantees that the published information is accurate, objective, up-to-date and reflects all the activities of the university within the framework of the educational program		+		
103	2.	Informing the public should include support and explanation of the national development programs of the country and the system of higher and postgraduate education		+		



104	3.	The university management should use a variety of ways to disseminate information (including the media, web resources, information networks, etc.) to inform the general public and interested parties		+		
		Information about the educational program is objective, up-to-date and should include:				
105	4.	the purpose and planned results of the EP, the qualification to be awarded		+		
106	5.	information and the system for assessing the educational achievements of students		+		
107	6.	information about academic mobility programs and other forms of cooperation with partner universities, employers		+		
108	7.	information about the opportunities for developing personal and professional competencies of students and employment		+		
109	8.	data reflecting the positioning of the EP in the market of educational services (at the regional, national, international levels)		+		
110	9.	An important factor is the publication on open resources of reliable information about teaching staff, in the context of personalities	+			
111	10.	The university must publish audited financial statements for the EP on its own web resource	+			
113	11.	The university must post information and links to external resources based on the results of external evaluation procedures		+		
113	12.	An important factor is the placement of information about cooperation and interaction with partners, including scientific / consulting organizations, business partners, social partners and educational organizations		+		
<b>Total by standard</b>			2	10	0	0
<b>TOTAL</b>			<b>8</b>	<b>103</b>	<b>2</b>	<b>0</b>

8 (7%) parameters have a “strong” position

103 (more than 90%) parameters have a position of "satisfactory"

2 (less than 2%) parameters have the position “suggests improvement”