



«АККРЕДИТТЕУ 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  
assessment of compliance with the requirements of specialized  
accreditation standards educational program

8D07365 "Construction"

NJSC "Kyzylorda University named after Korkyt Ata"  
in the period from 25 to 27 February 2025.

INDEPENDENT ACCREDITATION AND RATING AGENCY

*External Expert Commission*

*Addressed to  
Accreditation  
to the NAAR Council*



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***8D07365 "Construction"***

**NJSC "Kyzylorda University named after Korkyt Ata"  
in the period from 25 to 27 February 2025.**

**Kyzylorda city**

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

|                            |   |
|----------------------------|---|
| AIS                        | Automated information system                                    |
| NAO                        | Non-profit joint-stock company                                  |
| GAK                        | State Certification Commission                                  |
| State Educational Standard | State general educational standard of education                 |
| UNT                        | unified national testing  |
| ICT                        | information and communication technologies                      |
| IS                         | information system  |
| IUP                        | individual curriculum   |
| KU named after Korkyt Ata  | Kyzylorda University named after Korkyt Ata                     |
| KED                        | catalog of elective courses                                     |
| MES RK                     | Ministry of Education and Science of the Republic of Kazakhstan |
| R&D                        | research work   |
| NIRD                       | research work of doctoral students                              |
| NIRM                       | research work of master's students                              |
| Research                   | students' research work   |
| UIRS                       | students' research work   |
| OP                         | educational program   |
| PTS                        | faculty   |
| PRO                        | planned learning outcomes                                       |
| RK                         | Republic of Kazakhstan  |
| RUP                        | working curriculum  |
| Media                      | media   |
| STUPID                     | standard curriculum   |
| UMKD                       | educational and methodological complex of the discipline        |
| ED                         | elective courses  |
| WOS                        | Web of Science  |

## (II) INTRODUCTION

In accordance with order No. 17-25-OD dated 05.02.2025 of the Director General of the Independent Agency for Accreditation and Rating, from February 25 to 27, 2025, an external expert commission assessed the compliance of the educational program 8D07365 "Construction" at the Korkyt Ata Kyzylorda University (Kyzylorda) with the standards of specialized accreditation of the educational program of an organization of higher and postgraduate education of the IAAR (No. 57-20-OD dated June 16, 2020, sixth edition).

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

### **Composition of the VEC:**

**Chairman of the VEC-** Burbekova Saule Zhorabekovna, Candidate of Philological Sciences, Associate Professor, Astana IT University (Astana, Republic of Kazakhstan);

**IAAR Foreign Expert-** Bratsikhin Andrey Aleksandrovich, Doctor of Technical Sciences, Rector of the Federal State Budgetary Educational Institution of Higher Education "Izhevsk State Agricultural Academy" (Izhevsk, Udmurt Republic, Russian Federation);

**IAAR Expert-** Kairova Meruert Kalieva, Candidate of Philological Sciences, Associate Professor, Pavlodar Pedagogical University named after Alkey Margulan (Pavlodar, Republic of Kazakhstan);

**IAAR Expert-** Taeva Aigul Maratovna, Doctor of Technical Sciences, Associate Professor, Almaty Technological University (Almaty, Republic of Kazakhstan);

**IAAR Expert-** Aldungarova Aliya Kairatovna, PhD, associate professor, Kokshetau University named after Shokan Ualikhanov (Kokshetau, Republic of Kazakhstan);

**IAAR Expert,** employer - Kenetbaev Bolat Sabitkanovich, executive director of ULBATECHCENTER LLP (Oskemen, Republic of Kazakhstan);

**IAAR Expert,** student - Kadyrova Aigul Keulimkosovna, 1st year student, EP "Kazakh Philology", NJSC "Kostanay Regional University named after Akhmet Baitursynuly" (Kostanay, Republic of Kazakhstan);

**IAAR Expert,** student - Beknazar Raushan Rakhymkyzy, 2nd year master's student, OP "Technology and Engineering of Food Production", International University of Engineering and Technology (Almaty, Republic of Kazakhstan);

**IAAR Expert,** student - Zhairbaeva Gulnaz Askarovna, 2nd year doctoral student, OP "Construction", L.N. Gumilyov Eurasian National University, (Astana, Republic of Kazakhstan);

**IAAR EEC Coordinator-** Dinara Kairbekovna Bekenova, IAAR project manager (Astana, Republic of Kazakhstan).

### (III) PRESENTATION OF THE EDUCATIONAL ORGANIZATION

The non-profit joint-stock company "Korkyt Ata Kyzylorda University" was formed on the basis of the Korkyt Ata Kyzylorda Humanitarian University and the I. Zhakhayev Kyzylorda Polytechnic Institute (Resolution of the Government of the Republic of Kazakhstan No. 256 dated March 24, 1998).

History of the University dates back to 1937, when the Kyzylorda Pedagogical Institute was opened on the basis of the Far Eastern Korean Pedagogical Institute. Based on 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" and the order of the Chairman of the State Property and Privatization Committee 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 "Korkyt Ata Kyzylorda University" dated July 01, 2020, the Republican State Enterprise on the Right of Economic Management "Korkyt Ata Kyzylorda State University" was reorganized into the Non-Profit Joint-Stock Company "Korkyt Ata Kyzylorda University".

Mission of the University: Generate new knowledge and reveal the intellectual potential of the region.

Vision: Korkyt Ata Kyzylorda University is a strong regional university that influences the socio-economic development of the region and the formation of high-quality human capital.

Accreditation, ratings. In December 2022, by the decision of the Accreditation Council of the Independent Agency for Accreditation and Rating (IAAR), the university received a certificate of international institutional accreditation for a period of 5 years. 110 educational programs of the university have certificates of specialized accreditation. Of these, 64 are undergraduate, 33 are master's, and 13 are doctoral.

According to the QS World University Ranking 2025 (QS WUR): Emerging Europe and Central Asia (QS EECA), the position of Korkyt Ata University is 1401+. According to the Green Metric world ranking, the university took 1160 place, the position in the Times Higher Education World University Ranking is 1501+. According to the 2023 ranking of educational institutions in the Atameken National Chamber of Entrepreneurs, 21 educational institutions entered the Top 10.

According to the results of the Independent Rating of Demand for Universities of the Republic of Kazakhstan-2024, conducted by the Independent Agency for Accreditation and Rating (IAAR), Korkyt Ata Kyzylorda University entered the TOP-20 of the General Ranking of Universities of the Republic of Kazakhstan, taking 7th place. 25 educational institutions of the university entered the top three, including OP 7M07365 "Construction" - 2nd place, 8D07365 "Construction" - 3rd place, 8D07366 - "Production of Building Materials, Products and Structures" - 3rd place.

Strategy. Main strategic documents for the development of the university: Development program of the Korkyt Ata Kyzylorda University for 2023-2029.

Educational activities Korkyt Ata KU carries out undergraduate, graduate and PhD programs on the basis of a license issued by the Committee for Quality Assurance in Education and Science of the Ministry of Education and Science of the Republic of Kazakhstan. Training of specialists in 140 educational programs, including 83 undergraduate, 44 graduate, 13 PhD programs is carried out as part of 6 institutes (Institute of Pedagogy and Traditional Art, Institute of Natural Science, Institute of Engineering and Technology, Institute of Economics and Law, Humanitarian and Pedagogical Institute, Institute of Artificial Intelligence).

Membership in communities, associations. Korkyt Ata University is a member of the European Association of Higher Education Institutions (2005), the Eurasian-Pacific Universities Network (2005), the Magna Charta Universitatum (2005), the Eurasian Association of Universities (2011), the Association of Asian Universities (2017), the Association of Economic Universities of Southeast Europe and the Black Sea Region (2019),

the Consortium of Agricultural Universities for the Development of Central Asian and South Caucasus Countries (2020).

Infrastructure and auditorium fund. The material and technical base of the university includes 9 academic buildings, 5 dormitories, the Palace of Students, 7 student canteens, the Seykhun sports and fitness complex, a military training ground, and a library with 5 reading rooms. The university publishes the scientific journal Vestnik KU im. Korkyt Ata, and the university's large-circulation newspaper Syr Tulegi.

Library resources. The library consists of 4 subscribers and 4 electronic reading rooms with more than 70 computers connected to the Internet and OpenSpace. As of September 1, 2024, the total fund of the scientific library is 1908409 copies. The scientific library has access to the international databases "Scopus / Sciencedirect" and "Web of Science". Since January 5, 2021, an agreement has been concluded with the Republican Interuniversity Electronic Library and the electronic library "AlemBook". Domestic databases are used.

Students, staff. Currently, the student body is 10,512 people, including: 9,888 undergraduate students, 548 master's degree students, and 76 doctoral students in PhD studies. The educational process is carried out by 474 full-time teachers, including: 18 doctors of science, 48 PhDs, 182 candidates of science, 226 teachers. 51% of the teaching staff have an academic degree. The average age of the teaching staff is 47 years.

International cooperation, academic mobility. The University implements joint projects within the framework of scientific and educational activities with universities in such countries as Türkiye, Germany, Canada, Russia, Portugal, Korea, China, Uzbekistan, Poland, and Belgium.

#### Brief description of the accredited educational program:

##### OP 8D07365 "Construction".

The MOP is developed on the basis of professional standards: Development of construction projects.

Purpose of the OP- Training of qualified, competitive specialists in the development of innovative technologies and the implementation of best practices in the construction industry.

Field of education - 8D07 "Engineering, manufacturing and construction industries", direction of training - 8D073 "Architecture and construction", group of educational programs - D124 "Construction".

In the register of educational institutions since 07.08.2019. Duration of study - 3 years. Language of instruction: Kazakh. NQF, OQF level: 8. License number for the field of study: No. KZ67LAA00018492 dated 28.07.2020.



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

The educational program 8D07365 "Construction" is undergoing a reaccreditation procedure.

Based on the results of the specialized accreditation (November 28-30, 2019), the external expert commission formed 11 recommendations on specialized accreditation standards and, Based on the minutes of the meeting of the Accreditation Council, the IAAR made a decision on international specialized accreditation of OP 8D07365 "Construction", the accreditation period is 5 years (certificate No. AB 4112 ated 06.09.2020).

##### Composition of the VEC:

1. Chairman - Vladimir Nikolaevich Kosov, Doctor of Physical and Mathematical Sciences, Professor of the Kazakh National Pedagogical University named after Abai (Almaty, Republic of Kazakhstan);
2. National expert - Sakhanova Ardak Nauryzbaevna, Doctor of Economics, Professor at the University of Foreign Languages and Business Careers (Almaty, RK).
3. National expert - Murzalina Gulshat Bukharbaevna, PhD, Associate Professor of the International Educational Corporation (Almaty, Republic of Kazakhstan);
4. National expert - Ermekova Tynyshtyk Nurdauletovna, Doctor of Philological Sciences, Professor of the Kazakh National Women's Pedagogical University (Almaty, Republic of Kazakhstan).
5. Employer - Mamen Baldyrgan Nurtuganovna, press secretary of the Kyzylorda Regional Chamber of Entrepreneurs (Kyzylorda, RK).
6. Student - Serikkyzy Aruzhan, 4th year student of the educational program "5B050600-Economics", Humanitarian and Technical Institute "Akmeshit" (Kyzylorda, Kazakhstan), member of the Alliance of Students of Kazakhstan of the Kyzylorda region.
7. IAAR/IAAR Observer - Guliyash Balkenovna Niyazova, project manager for institutional and specialized accreditation of universities (Nur-Sultan, RK).

In March 2024, OP 8D07365 "Construction" successfully passed the post-accreditation monitoring procedure.

##### Brief description of the implementation of recommendations based on the results of the PAM:

1. Recommendation of the EEC: It is proposed to clearly define those responsible for business processes within the OP, clearly distribute job responsibilities of personnel, and delineate the functions of collegial bodies. Conclusion: the recommendation has been implemented (100%).

2. Recommendation of the EEC: For the full implementation of the EP and the formation of a quality system, the university must identify possible risks and opportunities. Conclusion: the recommendation has been implemented (100%).

3. Recommendation of the VEC on EP 8D07365 "Construction": When making decisions on the management of the educational program, the EP management should take into account and introduce modern and innovative disciplines offered by the employer and students. Conclusion: the recommendation is being implemented (80%).

4. Recommendation of the EEC: Regularly update the information on the cluster's educational program on the website in three languages in order to increase the dynamics of the



student contingent in terms of forms and types. Conclusion: the recommendation has been implemented (100%).

5. Recommendation of the EEC: In terms of students' satisfaction with the implementation of the educational program and the quality of education at the university, it is necessary to improve the quality of education in the doctoral educational program. Conclusion: the recommendation has been implemented (100%).

6. Recommendation of the EEC: To achieve the goal of the EP and meet the needs of students and society, post all necessary information on the university website. Conclusion: the recommendation has been implemented (100%).

7. Recommendation of the EEC: Develop and implement our own methodological research (for example, in the form of teaching aids) in the field of teaching the disciplines of the educational program. Conclusion: the recommendation has been implemented (100%).

8. Recommendation of the EEC: Provide for and improve the use of various teaching methods and assessment of learning outcomes when implementing the EP. Conclusion: the recommendation is being implemented (80%).

9. Recommendation of the EEC: Strengthen the academic mobility of students, as well as the results of additional, formal and informal training. This can be done through distance learning, in the form of organizing courses, etc. Conclusion: the recommendation is being implemented (90%).

10. Recommendation of the VEK: Strive to ensure that the educational equipment and software intended for use in mastering the EP are similar to those used in the corresponding new generation industry. Conclusion: the recommendation has been implemented (100%).

11. Recommendation of the VEC: Ensure the availability of adequate and objective information about the teaching staff of the OP. Conclusion: the recommendation is being implemented (75%).

In general, the university took measures and actions that contributed to improving the planning of business processes of the university with the definition of persons responsible for the results of activities, developing risk management of the university, increasing the professional competence of the teaching staff, monitoring the implementation of the EP, including by conducting sociological surveys of all categories of participants in the educational process. Most of the recommendations have been implemented 100%, but further work is required in terms of documentary confirmation of changes in the EP, the introduction of new teaching methods and the expansion of scientific internship programs.

According to the results of post-accreditation monitoring for OP 8D07365 "Construction", out of 11 recommendations, more than 50% were implemented - 11 recommendations, the average percentage of recommendations implemented was 93%.

## (V) DESCRIPTION OF THE VEC VISIT

The work of the EEC was carried out on the basis of the approved Program of the visit of the expert commission for specialized accreditation of educational programs to the Korkyt Ata Kyzylorda University in the period from 25 to 27 February 2025.

In order to coordinate the work of the VEC, an introductory meeting was held on 21.02.2025, during which powers were distributed among the members of the commission, the schedule of the visit was clarified, and agreement was reached on the selection of examination methods.

In order to obtain objective information on the quality of the educational program and the entire infrastructure of the university, to clarify the content of the self-assessment report, meetings were held with the Rector, vice-rectors for areas of activity, heads of structural divisions, directors of institutes, heads of educational programs, teachers, students, graduates, and employers. A total of 42 representatives took part in the meetings (Table 1).

Table 1 - Information on stakeholders who took part in meetings with the IAAR EEC

| Category of participants                                     | Quantity  |
|--|-----------|
| Chairman of the Board - Rector                               | 1         |
| Vice-rectors   | 4         |
| Heads of structural divisions                                | 18        |
| Directors of Institutes                                      | 3         |
| Heads of the OP  | 3         |
| Teachers (3rd cluster)                                       | 5         |
| Students (3rd cluster)                                       | 3         |
| Graduates (3rd cluster)                                      | 3         |
| Employers, representatives from practice bases (3rd cluster) | 2         |
| <b>Total</b>   | <b>42</b> |

During the excursion, the members of the EEC got acquainted with the state of the material and technical base of the university and viewed: Academic Building No. 1: No. 300 - O. Kozbekov Auditorium, No. 302 - Language Laboratory; Students' Palace, Scientific Library in OPENSPACE format; Seykhun Sports and Recreation Complex, Dormitory No. 5, Academic Building No. 5: No. 109a - Composite Materials Laboratory, No. 123a - Computer Class with Virtual Laboratories, Engineering Laboratory "Physicochemical Methods of Analysis", No. 408 - Soil Mechanics Laboratory; No. 413 - Structural Mechanics Auditorium, No. 417 - BIM Technologies Computer Class.

At the meeting of the NAAR EEC with the university's target groups, the mechanisms for implementing the university's policy were clarified and individual data presented in the university's self-assessment report were specified.

At the time of the NAAR VEC procedure, classes for doctoral students of OP 8D07365 "Construction" were not held.

The VEC experts analyzed the conditions of the students' practice bases and also asked questions to the heads of the organizations: KSM KZ LLP, Etalon ortalygy LLP.

In accordance with the accreditation procedure, an online survey was conducted among 22 teachers and 60 students.

In order to confirm the information presented in the Self-Assessment Report, external experts requested and analyzed the university's working documentation. In addition, the experts studied the university's online positioning through the official website of the university(<https://korkyt.edu.kz/>).

As part of the planned program, recommendations for improving the accredited educational programs of the Korkyt Ata Kyzylorda University NJSC, developed by the EEC based on the results of the examination, were presented at a meeting with the management on 27.02.2025.



## (VI) COMPLIANCE WITH SPECIALISED ACCREDITATION STANDARDS

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

- ✓ The university must demonstrate the development of the goal and strategy for the development of the educational program based on the analysis of external and internal factors with the broad involvement of various stakeholders.
- ✓ Quality assurance policies should reflect the relationship between research, teaching and learning.
- ✓ The university demonstrates the development of a quality assurance culture.
- ✓ Commitment to quality assurance must apply to all activities carried out by contractors and partners (outsourcing), including in the implementation of joint/dual degree education and academic mobility.
- ✓ The management of the educational institution ensures transparency in the development of the educational institution's development plan based on an analysis of its functioning, the actual positioning of the university and the focus of its activities on meeting the needs of the state, employers, stakeholders and students.
- ✓ The management of the educational institution demonstrates the functioning of mechanisms for the formation and regular revision of the educational institution development plan and monitoring of its implementation, assessment of the achievement of educational goals, compliance with the needs of students, employers and society, and decision-making aimed at the continuous improvement of the educational institution.
- ✓ The leadership of the educational institution must involve representatives of stakeholder groups, including employers, students and teaching staff, in the formation of the educational institution development plan.
- ✓ The leadership of the educational institution must demonstrate the individuality and uniqueness of the educational institution's development plan, its consistency with national development priorities and the development strategy of the educational organization.
- ✓ The university must demonstrate a clear definition of those responsible for business processes within the EP, the distribution of job responsibilities of personnel, and the delineation of the functions of collegial bodies.
- ✓ The management of the OP ensures the coordination of the activities of all persons participating in the development and management of the OP and its continuous implementation, and also involves all interested persons in this process.
- ✓ The management of the OP 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.
- ✓ The management of the OP must implement risk management.
- ✓ The management of the educational program must ensure the participation of representatives of interested parties (employers, teaching staff, students) in the collegial bodies managing the educational program, as well as their representativeness in decision-making on issues of managing the educational program.
- ✓ The university must demonstrate innovation management within the framework of the EP, including the analysis and implementation of innovative proposals
- ✓ The leadership of the educational institution must demonstrate its openness and accessibility to teaching staff, employers and other interested parties.
- ✓ The management of the OP confirms completion of training in educational management programs.
- ✓ The management of the EP should ensure that the progress made since the last external quality assurance procedure is taken into account when preparing for the next procedure.

#### **Evidential part**

The training of students of the OP 8D07365 "Construction" is carried out in accordance with the Concept of Development of Higher Education and Science in the Republic of Kazakhstan for 2023-2029, the Academic Policy, the Policy and Standards of Internal Quality Assurance, the Development Program of Korkyt Ata Kyzylorda University for 2023-2029, the Development Plan of the OP 8D07365 "Construction" for 2024-2028, the Charter of the University.

According to the University Development Program for 2023-2029, the goal of the university is to create a competitive regional university that influences the formation of human capital and the socio-economic development of society. The mission of Korkyt Ata Kyzylorda University is to generate new knowledge and reveal the intellectual potential of the region.

Vision - Korkyt Ata Kyzylorda University is a strong regional university that influences the socio-economic development of the region and the formation of high-quality human capital.

The goal of the OP 8D07365 "Construction" is to train qualified, competitive specialists in the development of innovative technologies and the implementation of advanced experience in the construction industry. The development of the development goal 8D07365 "Construction" corresponds to the mission and guidelines of the university development program. The achievement of the Program goal will be ensured by developing "organic" areas: knowledge generation, teaching and transformation of knowledge into practice, development of science and international cooperation.

The design of OP 8D07365 "Construction" is carried out by a working group under the Academic Committee, which includes both external and internal stakeholders. OP 8D07365 "Construction" is updated annually up to 30% taking into account the interests of the labor market (update of the OP passport in the register of the European Higher Education Area of the Republic of Kazakhstan: 8D07365 "Construction" - 04.04.2024).

The development plan of OP 8D07365 "Construction" is published on the website of the university in the public domain, the protocol of employers' participation in the development of the development plan of the accredited educational program was presented to the experts of the EEC (minutes No. 9 dated 12.05.2023). The working group for designing the development plan of OP 8D07365 "Construction" included the following representatives of external and internal stakeholders: Karshyga G.O. - PhD in Engineering, Associate Professor of the Department, Turebaev M.M. - Director of TOO "SK Montazh Sroy", Akylbaev A.K. - Director of TOO "ArkhSroyProektOrda".

The quality assurance policy (approved on 30.10.2023, protocol No. 3) reflects the relationship between research, teaching and learning and is an element of the general policy of the university and is formulated in target indicators and in the form of principles of the university's activities in relation to quality. This is confirmed by the active research activities of teachers who conduct research as part of the implementation of development plans for the EP, participate in conferences and competitions for grant funding, and involve students in scientific work through funded projects, seminars and competitions. The university has developed a platform for organizing and providing technological support for assessing the research activities of students <https://www.calameo.com/read/007081390b29d085dffdb>. In addition, within the content of the MEP, an example can be given: for doctoral students of OP 8D07365 "Construction", disciplines containing a research component (Methods of scientific research, Development and management of scientific projects) are defined, which will allow achieving the learning outcome: PO3 - demonstrate developing knowledge in the field of implementation in the world scientific knowledge base of methods and means used in scientific research, preparation, implementation and processing of research results.

The existing internal quality assurance system of the university is functioning successfully (Internal Quality Assurance Standards of the NAO Korkyt Ata Kyzylorda University (approved on 30.10.2023, protocol No. 9), Regulation on the assessment of the quality of the implementation of educational programs of the university (approved on 22.09.2022, protocol No. 8, with amendments on 19.12.2023, protocol No. 11)). This is achieved through decision-making at all management levels (collegial bodies of the university and institute, EP management, heads of structural divisions). Analysis of facts and effective management (including design, development, monitoring, improvement) contribute to the development of a quality culture, which is confirmed, for example, by the successful



completion of the PAM procedure within the framework of OP 8D07365 "Construction" and the implementation of almost 100% of the recommendations of the previous IAAR EEC.

During the reporting period, successful development of a quality assurance culture and a high degree of commitment to maintaining it were noted. The following achievements serve as proof of this:

at the university level:

- Growth of the university's ranking indicators and educational programs at the national and international levels (see section of this report, p. 6, (III) Presentation of the educational organization, p. Accreditation, rankings).

- Artificial intelligence and IT: creation of the Institute of Artificial Intelligence and Informatics jointly with the Seoul National University of Science and Technology (SeoulTech), training in dual-degree education programs (South Korea), formation of the Syr Valley IT valley in Kyzylorda, implementation of dual-degree education programs with the Moscow Aviation Institute (Russia).

- Business and Entrepreneurship: creation of the Graduate School of Business and Entrepreneurship in collaboration with the University of Suffolk, Change School (Executive MBA) (UK).

- Arts and Sports: a cultural and educational project in cooperation with the Ministry of Youth and Sports of the Republic of Turkey (Antalya, Turkey), Shinhan University (South Korea), Palacky University of the Czech Republic on the culture of Wellness and Wellbeing.

- Water resources and water-saving technologies: implementation of the Joint Implementation Program with the National Research University "Tashkent Institute of Irrigation and Agricultural Mechanization" (Republic of Uzbekistan), etc.

at the level of OP 8D07365 "Construction":

- Research activities of the teaching staff of the OP 8D07365 "Construction" - teachers of the OP actively participate in grant competitions of the Science Committee, implementing projects of national and international level:

1. N.A. Saktaganova, A.T. Shegenbayev - executors of the project of the PCF MNVO RK (2023-2025, No. BR21882415), aimed at developing a technology for the safe disposal of wastewater for irrigation in conditions of water shortage in the Kyzylorda region. As part of the study, A.T. Shegenbayev got acquainted with the work of treatment facilities in Japan (Sapporo, Nagasaki), N.A. Saktaganova visited the Azerbaijan University of Architecture and Construction.

2. A.S. Montaeva - winner of the Zhas Galym grant (2024) on topic No. AP22684471 "Energy-efficient technology for thawing and preventing soil freezing". As part of the research, she completed an internship at Hokkaido University (Tokyo, Japan).

3. International scholarships: A.S. Montaeva - winner of the Bolashak scholarship, studies at George Washington University (USA).

4. Patent activity: the teachers of the educational program are actively engaged in patent activity, developing innovative technologies in construction (2021-2024):

- ✓ S.S. Uderbaev - 5 patents (utility models, inventions).
- ✓ N.A. Saktaganova, A.M. Budikova - 6 patents, including developments in concrete mixtures and building materials.
- ✓ G.O. Karshyga - patent for composite finely ground cement.
- ✓ A.U. Zhapakhova - 3 patents, including one for artificial porous filler.
- ✓ A.S. Montaeva - patent for utility model.



- Advanced training and internships for teaching staff (2020-2024) - teachers of the educational program regularly improve their qualifications in the field of modern construction technologies, educational management, inclusive education and energy efficiency. Key areas of training:

1. Construction technologies: innovative materials, energy-saving construction, modular systems.
2. Educational management: quality assurance system, distance technologies, inclusive education.
3. Scientific competencies: working with Scopus and Web of Science, programming in AutoCAD.
4. Ecological and sustainable technologies: "Green" construction, climate adaptation of buildings.
5. Individual achievements: Zhakapbaeva G.A., Karshyga G.O., Saktaganova N.A., Abdikerova U.B. - training in education quality and pedagogical technologies; Uderbaev S.S. - management of innovative projects and energy efficiency. Montaeva A.S. - advanced training in international universities.

- Obtaining significant indicators in the ratings of OP (national, international): rating of NCE "Atameken" for OP 8D07365 "Construction": 2023 - 2nd place.

The University adheres to quality standards that cover all activities, including work with contractors, partners and outsourcing organizations. Key quality assurance mechanisms at the University:

- control at the contract level - inclusion of quality criteria in agreements with partners, monitoring of fulfillment of obligations, sanctions for non-compliance;
- audit and monitoring system - regular audit of partners, assessment of double-degree programs and academic mobility, analysis of results of student satisfaction surveys;
- integration into educational processes of partners - participation in the development of programs, certification of teachers, joint certification of students;
- compliance with international standards - accreditation of programs in international agencies, adherence to ESG in higher education, participation in global consortia;
- transparency and accountability - publication of quality data, open reporting, policy adjustments based on feedback.

The University ensures transparent distribution of responsibility for key business processes of the EP, including development, implementation, monitoring and development. For effective management, the University develops business process maps, job descriptions and regulations on departments, ensuring a clear delineation of functions.

Main categories of business processes and responsible persons:

- academic management - development of curricula, quality control (director of the institute, head of the educational program, departments);
- administrative management - coordination of the work of the teaching staff, monitoring of the educational process (head of the educational institution, departments);
- interaction with partners - cooperation with employers, scientific organizations (management, teaching staff);
- work with students - consulting, support, progress monitoring (teaching staff, curators-advisers).
- financial and economic activities - budgeting, financing, grants (management, department of economics and finance).

The management of educational programs is carried out through collegial bodies that provide strategic management, quality control and methodological support. The main collegial bodies and their role in the management of the educational program:

- Academic Council - approves the university strategy, makes changes to the educational program, makes key decisions in the field of science and education;
- Disciplinary Council - monitors compliance with ethical standards, academic honesty and fairness;
- Academic Committee - approves curricula, analyzes the implementation of educational programs and makes proposals for their improvement;
- Committee on Academic Quality - monitors the quality of education, evaluates the work of teachers and students;
- Alumni Association - analyzes the demand for graduates, provides support to students and makes suggestions for improving the educational program.

For effective interaction, the university develops regulations on collegial bodies, keeps records of decisions and includes students and employers in the commissions, thereby ensuring transparency of management.

To ensure transparency of the management system and effective functioning of the internal quality assurance system, the management of the OP ensures: documentation of processes (<https://korkyt.edu.kz/ru/page/69>), regular monitoring and auditing (internal audit, management of nonconforming products, corrective and preventive actions, data analysis, continuous improvement of the effectiveness of the quality management system); transparency in decision-making; feedback and involvement of employees in processes; personnel training and development; use of a system of indicators and reporting; information systems to support quality management.

The University is implementing a comprehensive approach to risk management aimed at increasing sustainability and minimizing threats (VND: Regulation on risk management of the Korkyt Ata Kyzylorda University). To prevent corruption risks and form a culture of continuous improvement, the University has an anti-corruption compliance service (<https://korkyt.edu.kz/ru/page/154>). Experts note the implementation of the following key stages:

- risk identification - analysis of internal and external factors (personnel, financial, organizational, legislative, economic and technological);
- risk assessment - identification of potential threats to the educational process, science, financial stability and reputation of the university.
- development of strategies - development of measures to reduce and prevent risks.

At the same time, at this stage, further stages of the implementation of the risk management procedure within the framework of the university's OP are not fully presented., namely:

- monitoring and control - regular analysis and adjustment of the risk management strategy within the framework of the OP;
- staff training - increasing awareness and involvement of the teaching staff of the OP in risk management processes;
- decision-making and planning - development of specific actions for risk management within the framework of the OP and documentation of the developed actions.

For the effective implementation of innovations, including in OP 8D07365 "Construction", the university uses a comprehensive approach, including:

1. Development of an innovation strategy - defining priority areas (digital technologies, artificial intelligence, innovative teaching methods, interdisciplinary approaches) and goals (improving the quality of education, academic mobility). For example, within the framework of OP 8D07365 "Construction": the presence in the interdisciplinary educational program of the disciplines "Information technologies in architectural and construction design", "Digital modeling and management in construction", "Architectural design in the REVIT program". In the 2025-2026 academic year, the disciplines "Application of AI for the analysis of data on the condition of buildings, their durability and sustainability", "Implementation of AI for the automation of construction process management, including monitoring, control and safety systems" will be included.

2. Creation of an innovation management structure - functioning of innovation centers and laboratories, for example, the Engineering Profile Laboratory dealing with energy-saving technologies, BIC Coworking - a Center that provides ample opportunities for developing knowledge and skills in the field of technological entrepreneurship, IT, innovation and artificial intelligence, etc., when implementing OP 8D07365 "Construction" using the software: AUTOCAD, REVIT, Kompas-3D, ERA, Lira-SAPR, Micromine, as well as a 3D printer.

3. Monitoring and analysis of innovations - collection of proposals, feedback, participation in conferences, assessment of students' involvement in innovative projects. For example, within the framework of OP 8D07365 "Construction", a grant project of the 2nd year doctoral student N. O. Tursynkozha (grant of the rector of the university) on the topic "Modeling the system of protection of buildings and structures from vibration impact" is being implemented.

4. Implementation of technologies - use of digital tools, online learning, Big Data, artificial intelligence. For example, the topic of the dissertation research of the 1st year doctoral student of the OP 8D07365 "Construction" Mikhailov D. "Application of artificial intelligence to control compliance with technological standards, quality of work and ensuring safety at the construction site."

5. Cooperation with partners - interaction with businesses, joint educational programs, internships, participation in international projects. For example, within the framework of OP 8D07365 "Construction" - N.A. Saktaganova, A.T. Shegenbayev - project of the PCF of the Ministry of Education and Science of the Republic of Kazakhstan (2023-2025) - Development of wastewater disposal technology. The research was conducted in Japan and Azerbaijan; A.S. Montaeva - winner of the "Zhas Galym" grant (2024) - internship at Hokkaido University (Japan); international scholarships: A.S. Montaeva - "Bolashak", study at George Washington University (USA), patent activity of the teaching staff, which contributes to the development of innovations in construction and the integration of science into the educational process.

The management of OP 8D07365 "Construction" actively interacts with students, teaching staff, employers and other interested parties through the following mechanisms:

- open consultations and meetings - regular department meetings, round tables, individual meetings with interested parties, discussion of the educational process and development of the educational program;
- feedback - satisfaction surveys, monitoring of proposals and their implementation.
- transparency of information - publication of reports, strategies and plans on the university website and in social networks;

- working groups - participation of teachers, students and employers in decision-making on improving the educational program (academic committee, surveys, questionnaires, reports of the State Attestation Commission, State Examination Commission, etc.).
- educational and scientific events - participation in conferences, master classes, round tables for the exchange of opinions;
- electronic platforms - online forums, chats, consultations and social networks for prompt communication with students and partners.

In order to develop the principles of openness and accessibility, the university has developed the "Rules for handling complaints from students at the NAO "Korkyt Ata Kyzylorda University", the "Code of Corporate Ethics of the NAO "Korkyt Ata Kyzylorda University", "Regulations on the Ethics Commission", and a rector's blog is functioning. In addition, the university management holds regular meetings with students, teachers, and employees of the university, during which they inform about the university management system, the management decisions made, the activities of the rector's office, and collegial management bodies.

The management of OP 8D07365 "Construction" has certificates of completion of training in educational management programs:

1. Abzhalelov B.B. - Director of the Engineering and Technical Institute - PC course on the program "Education governance and management", 2020.
2. Zhakapbaeva G.A. - Head of the educational program - PC course on the program "Management in Education", 2021.

When implementing OP 8D07365 "Construction" and preparing the self-report, the university took into account the recommendations of the 2020 EEC (visit: June 01-03, 2020). The recommendations have been fully implemented (100%): those responsible for business processes have been identified and the functions of collegial bodies have been delineated, risks and opportunities for the formation of a quality system have been identified, information on the EP on the website has been updated in three languages, the quality of training in doctoral studies has been improved, all the necessary information on the university's website on the areas of activity has been posted, methodological manuals and research have been developed, educational equipment and software have been brought into line with industry requirements. At the implementation stage (80%): introduction of modern and innovative disciplines at the request of employers and students, improvement of teaching methods and assessment of learning outcomes, strengthening academic mobility and development of formal/informal learning, provision of objective information about the teaching staff of the EP on the university website. In general, the recommendations of the EEC are being implemented at a high level with gradual revision of individual areas.

### ***Analytical part***

During the visit to the university, the experts were convinced of the published and implemented quality assurance policy, which reflects the connection between scientific research, teaching and learning. The experts note that the university and the management of the educational program have demonstrated the development of a quality assurance culture covering all implemented processes, which is confirmed by the internal content of agreements, memorandums of cooperation and other documents.



Developed culture of quality assurance in the university and within the framework of the implementation of the educational program 8D07365 "Construction" is confirmed by the growth of rating indicators both at the national and international levels, active international cooperation and significant results of scientific research activities. The University has created new educational structures, is developing double-degree programs with leading foreign universities, ensuring integration into the global educational space, teachers of the OP 8D07365 "Construction" actively participate in grant projects, international internships and patent activities, which contributes to the introduction of advanced technologies into the educational process, systematic improvement of the qualifications of the teaching staff of the OP 8D07365 "Construction" strengthens the competence of teachers and the quality of graduate training, a high level of implementation of the EP 8D07365 "Construction" confirmed by the 2nd place in the rating of the National Chamber of Entrepreneurs "Atameken" (2023), which indicates its demand and competitiveness in the labor market.

The experts are presented with the plans for the development of the OP, the transparency of their development is monitored, documentary information is provided on the procedure for their design, approval, adjustment and publication with the participation of internal and external stakeholders. The content of the plan for the development of the OP is discussed with stakeholders (external, internal) and, if necessary, adjusted taking into account the changing labor market in the architectural and construction production sector.

*VEK experts note* that the management of the educational institution must ensure that the content of the educational institution development plan includes planning of events that will reflect their individuality and uniqueness, distinguish them from the implementation of similar programs of universities in the Republic of Kazakhstan, near and far abroad, while it is necessary to plan achievement indicators in accordance with national development priorities and indicators of the development strategy of the educational organization.

The management of OP 8D07365 "Construction" implements a mechanism for the formation and revision of the development plan. This process includes the participation of representatives of the production sector, external stakeholders, students and teaching staff. However, in order to improve the efficiency of OP management and its compliance with current labor market requirements, it is recommended to analyze the implementation and adjust the development plan at least once a year. This will allow for timely adjustments based on current data, taking into account the needs of the industry. Involving experts in the OP profile in this process will strengthen the validity of the decisions made, and formalizing the process with mandatory adoption of specific decisions based on the analysis results will ensure continuous improvement of the educational program.

The university clearly defines those responsible for business processes, distributes job responsibilities, and delineates the functions of collegial bodies.

The management of educational programs and risks during their implementation at the university is transparent (representatives of employers, teaching staff, students and other interested parties are included in the collegial governing bodies of the educational program), there is an internal quality assurance system for the educational program, which ultimately leads to the implementation of innovative proposals during the implementation of the educational program.

The University has implemented a comprehensive approach to risk management, covering identification, assessment and development of strategies to minimize them. The positive side is the availability of regulatory documents on risk management and the work of

the anti-corruption compliance service, which ensures control over the transparency of processes. However, further stages of risk management within the framework of the EP implementation are not sufficiently demonstrated: monitoring and control - there is no systematic analysis and adjustment of EP development plans, personnel training - insufficient involvement of the faculty in risk management processes within the EP, decision-making and planning - there are no clearly documented actions to manage risks within the EP.

*The results of the faculty survey showed that the educational institution's management pays attention to the content of the educational program: very good – 16 people (72.7%), good – 6 people (27.3%); the faculty's involvement in the process of making management and strategic decisions: very good – 14 people (63.6%), good – 7 people (31.8%); encouragement of innovative activities: very good – 14 people (63.6%), good – 7 people (31.8%); the educational program's content and quality of implementation meets the expectations of the labor market and employers: very good – 12 people (54.5%), good – 10 people (45.5%); the extent to which the knowledge students receive at this university corresponds to the realities of the requirements of the modern labor market: very good – 14 people (63.6%), good – 8 people (36.4%).*

***Strengths/best practices for OP 8D07365 "Construction":***

1. Developed quality assurance culture at the university and within the framework of the EP 8D07365 "Construction", which is confirmed by the growth of ratings, international cooperation, active research activities of the teaching staff, participation of teachers in grants, internships and patent activities, as well as systematic improvement of the qualifications of the teaching staff. The high level of implementation of the EP is confirmed by the 2nd place in the rating of the NCE "Atameken" (2023), which indicates its demand and competitiveness.

***VEK recommendations for OP 8D07365 "Construction":***

1. The management of OP 8D07365 "Construction" shall annually analyze and adjust the development plan with the involvement of specialized experts and the adoption of specific decisions based on the results of the analysis. Deadline - annually.

2. For individual positioning of the program in the educational services market, as well as for consistency with national priorities in the construction and construction technology industry, the management of OP 8D07365 "Construction" must include in the development plan activities that emphasize the competitive advantages of the program among universities of the Republic of Kazakhstan and international partners. Deadline - until the beginning of the 2025-2026 academic year.

3. The university management and the management of all educational programs should implement a risk monitoring system within the educational programs, including regular audit, adjustment of development plans and training of the faculty in the basics of risk management. All decisions taken should be recorded in the relevant documentation. Deadline - annually.

***Conclusions of the VEC:***

*According to the standard "Management of the educational program", 17 criteria are disclosed, of which: 1 criterion is strong, 13 criteria have a satisfactory position, 3 criteria require improvement.*



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

- ✓ The university must ensure the functioning of a system for collecting, analyzing and managing information based on modern information and communication technologies and software.
- ✓ The OP's management demonstrates the systematic use of processed, adequate information to improve the internal quality assurance system.
- ✓ The management of the EP demonstrates the existence of a reporting system reflecting the activities of all structural divisions and departments within the EP, including an assessment of their performance.
- ✓ The university must determine the frequency, forms and methods of assessing the management of the educational institution, the activities of collegial bodies and structural divisions, and senior management.
- ✓ The university must demonstrate a mechanism for ensuring the protection of information, including the identification of persons responsible for the accuracy and timeliness of information analysis and the provision of data.
- ✓ The university demonstrates the involvement of students, employees and faculty in the processes of collecting and analyzing information, as well as making decisions based on it.
- ✓ The management of the educational institution must demonstrate the existence of mechanisms for communication with students, employees and other stakeholders, including conflict resolution.
- ✓ The university must ensure that the degree of satisfaction of the needs of the teaching staff, personnel and students within the framework of the EP is measured and demonstrate evidence of the elimination of the identified deficiencies.
- ✓ The university must evaluate the effectiveness and efficiency of its activities, including in the context of the educational program.
- ✓ The information collected and analyzed by the university within the framework of the EP must take into account:
  - key performance indicators;
  - dynamics of the student contingent in terms of forms and types;
  - academic performance, student achievement and dropout;
  - satisfaction of students with the implementation of the educational program and the quality of education at the university;
  - availability of educational resources and support systems for learners;
  - employment and career growth of graduates.
- ✓ Students, staff and teaching staff must provide documented consent to the processing of personal data.
- ✓ The management of the OP should facilitate the provision of all necessary information in the relevant fields of science.

### ***Evidential part***

The University uses a system of collecting, analyzing and managing information, which operates on the basis of modern ICT and software. The University operates: official website <https://korkyt.edu.kz/>; AIS "Platonus"; module "Online schedule of KU named after Korkyt Ata", module "Taza University" (questionnaire, questions, complaints, suggestions), electronic catalog, module "Dorm Management" (management of applications for the provision of places in the dorm), Testing system (system for conducting tests), career center portal, electronic library, access control and management system (ACS), program "Graduate", module "Calculation of workload and compilation of RUP, IPP", module "Registration in the dorm", module "Talapker" and others.

The university's information collection, analysis and management system is used to ensure and improve the quality of the university's activities. For example, based on the results of the survey "Student Satisfaction with Social and Living Conditions," the following measures were taken: the working hours of the reading room and computer rooms in student dormitories were extended; new cabinets were purchased, prices in the university canteens were reduced, and a recreation and self-study corner was organized for students in the fifth building.

In order to implement quality control, the university conducts an internal audit once a year, during which the documents of the structural divisions of the institute are studied: UMKS, UMKD, department minutes, the department work plan and reports on its implementation, documents on professional practice, plans and reports, etc.

Within the framework of the EP, a system of regular reporting is implemented, including an assessment of the effectiveness and efficiency of the EP's activities. At meetings of the Academic Council, annual reports are heard from the rector, vice-rectors, heads of structural divisions and other officials in various areas of activity (academic, research, educational, financial, international, etc.).

At the meetings of the Council of Institutes, reports are heard on the implementation of the main events for the development of the educational process, improvement of its methodological support and organization of independent work of students; on the organization of educational work; on the conduct of research; in the reports of departments on the results of activities, an analysis of the state of affairs in matters of educational, methodological, scientific, educational work is carried out. Every year, at the meetings of departments, the Development Plan of the EP is considered, an analysis of the success of the implementation of educational programs is carried out, an assessment of the compliance of the Development Plan of the EP with the current University Development Program is carried out.

At the university, the frequency, forms and methods of assessing the management of the educational program, the activities of collegial bodies and the department are determined by the internal regulatory documents: Regulation on the Internal Audit Service of the NAO Korkyt Ata Kyzylorda University, Internal Audit Standards of the Internal Audit Service of the NAO Korkyt Ata Kyzylorda University, Rules for conducting an audit by the Internal Audit Service of the NAO Korkyt Ata Kyzylorda University, Internal Quality Assurance Standards of the NAO Korkyt Ata Kyzylorda University, Regulation on assessing the quality of the implementation of educational programs of the university, Regulation on the procedure for developing a plan for the development of an educational program and monitoring its implementation, Rules for certification of the teaching staff of the NAO Korkyt Ata Kyzylorda University, Regulation on KPI of directors of institutes and heads of departments of the NAO Korkyt Ata Kyzylorda University, etc. <https://korkyt.edu.kz/ru/page/69>).

In the Korkyt Ata University, there is a system of information distribution through paper and electronic distribution of internal and external documents to structural divisions, publication of necessary information on the university website, posting of information and announcements on information boards, informing of managers and interested persons at production meetings and sessions, through direct distribution by e-mail, etc.

The system of communication with students, employees and other interested parties at Korkyt Ata University is carried out through the following channels: the official website of the university; through exhibitions, graduate fairs, conferences, round tables, forums and other information events held at the university; through the annual holding of Open Days, meetings with employers, graduates, and students; through the organization of reception of visitors by heads of structural divisions and the management of the university.

In accordance with the Regulation on Information Security of the NAO "Korkyt Ata Kyzylorda University", the university has defined the procedure for ensuring information protection and persons responsible for the reliability and timeliness of information analysis and data provision. Information protection at the university is carried out using built-in protection

tools of the domain controller with a server operating system, specialized software products in the field of security and antivirus software.

The degree of satisfaction of the needs of the faculty, staff and students with the level of services provided by the university, as well as the conditions created for work and study, is determined by conducting a questionnaire (types of questionnaires): satisfaction of graduates with learning outcomes, satisfaction of students with their studies at the university, satisfaction of students with the quality of the EP implementation, satisfaction of teachers with the organization of work, satisfaction of teachers with the organization of research work at the university, etc. The questionnaire is conducted anonymously, twice a year. Based on the results of the questionnaire, discussions are held at meetings of structural divisions, meetings of the educational and meeting council of the university, plans for corrective actions are drawn up. The results of the questionnaire and measures to eliminate deficiencies, improve processes are communicated to the faculty and students. As an example, within the framework of EP 8D07365 "Construction", we can cite the results of the questionnaire "Teacher through the Eyes of Students" based on the results of the 2024-2025 academic year. One of the most important components of the EP, which affects student satisfaction with their education, is the professional competencies of the faculty. Based on the survey results, the university's teaching staff was divided into 3 groups based on teaching quality: 1 - high quality group (with a rating score of 5); 2 - good quality group (with a rating score of 4); 3 - satisfactory quality group (with a rating score of 3). During the reporting period, students assessed 7 teachers implementing the OP 8D07365 "Construction". The group of the best teachers (according to doctoral students) with rating scores from 4 to 5 included all 7 teachers (100% of the total).

In case of complaints and suggestions on educational and methodological support, on the quality of classes conducted by teachers, in the work of the examination committee, etc., the university has a "Regulation on the consideration of complaints and suggestions of students". According to the regulation, the institute has a box for complaints and suggestions, hotlines, e-mail of heads of departments, the director of the institute, the head of the DAD, heads of structural divisions are functioning. The course of the educational process of the university is monitored in accordance with DSK.08. PD.41 "Regulation on academic honesty", DSK.08.PD.45 "On the anti-corruption commission".

The assessment of the effectiveness and efficiency of the institute and department activities in the context of the implementation of the EP is based on the analysis of reports, information, materials obtained as a result of internal and external audits. The issue of effectiveness is the issue of goals and their correct formulation in the EP. The issue of efficiency is the issue of the correctness of the process of achieving the goal under the EP. Students, faculty of the department, employers (working group) participate in the issue of assessing the effectiveness and efficiency of the department activities in the context of the implementation of the EP.

In accordance with the Law of the Republic of Kazakhstan "On personal data and their protection" dated May 21, 2013 No. 94-V (as amended and supplemented on 01.05.2023), the Human Resources Department has organized work to collect applications for "Consent to the processing of personal data" from all employees, teaching staff. For students, consent to the processing of personal data is reflected in the agreement for the provision of educational services.

The University has created a Scientific and Technical Council for information support of scientific research, with the help of which scientific research is planned and organized; the

results of the R&D of the teaching staff are summarized, their results are implemented in the educational process; scientific personnel are trained through master's and doctoral programs, advanced training of scientific personnel; organization of R&D of students, master's and doctoral students. To provide students, teaching staff and researchers with access to scientific information, the following remote access capabilities are used to full-text resources: Clarivate Analytics, Springer Link, Scopus, Web of Science, rolpred.com, the electronic library system "Lan", the Republican Interuniversity Electronic Library, the "Library of the First President of the Republic of Kazakhstan", etc.

Students can use reception hours with the director of the institute, heads of structural divisions, and heads of the EP for direct communication with the management of the EP and the university. You can also contact the university management via e-mail or through the rector's blog. Doctoral students can contact curators-advisers and faculty.

In order to regulate the processes related to receiving, processing, reviewing, resolving and providing feedback on a complaint received from a student, and to organize the interaction of all parties involved in resolving the complaint, the University has the "Rules for Reviewing Student Complaints". According to the Regulation, the Institute has a complaints and suggestions box, hotlines, e-mail for the heads of the educational institutions, the director of the Institute, heads of structural divisions, etc. The Deputy Director for Scientific and Educational Work opens the complaints and suggestions box, registers the letters received and sends them to the management. The management analyzes the incoming information, identifies the facts, makes appropriate decisions and stops violations. Targeted work is constantly being carried out to prevent corruption offenses and negative phenomena in the University.

Collection and analysis of information at the Korkyt Atau State University include an assessment of the effectiveness of the EP based on reports, audits and analysis of the results of the procedures performed. Efficiency is determined by the ratio of the achieved results and the resources expended. The assessment of the EP's activities covers four areas: personnel, educational, educational and methodological and research activities. Criteria for assessing the quality of the EP's work:

1. Staffing and level of qualifications of the teaching staff.
2. Documentation management.
3. Provision of teaching and methodological materials and training facilities.
4. Implementation of research plans and mutual visit schedules.
5. Evaluation of the quality of graduation and demand for graduates.

Evaluation of teachers' competence:

- mutual attendance of classes - is recorded in the journal, discussed at department meetings (at least once per semester).
- attendance of classes by the head of the OP - with subsequent conclusion.
- open classes - are held annually according to an approved schedule with subsequent analysis and a conclusion on the teacher's competence.

Based on the results of the examination session, a report is compiled and an analysis of academic performance is conducted at the level of the EP and the university. The results are discussed at a department meeting, taking into account the comments of the office registrar and the examining teachers. The dynamics of the absolute academic performance of doctoral students is stable and amounts to 100%.

Table 2.1 - Results of academic performance of students of OP 8D07365 "Construction"



| OP                     | 2023-2024 academic year |                       |              | 2024-2025 academic year |                   |              |
|------------------------|-------------------------|-----------------------|--------------|-------------------------|-------------------|--------------|
|                        | avg. score              | qualities. indicator. | % successful | avg. score              | quality indicator | % successful |
| 8D07365 - Construction | 86                      | 100                   | 100          | 86.2                    | 100               | 100          |

The dynamics of the student contingent by forms, courses, languages, groups and areas of training is analyzed using data from the AIS Platonus, orders, etc.

Table 2.2-Information on the recruitment of students for the OP 8D07365 "Construction"

| OP                    | Total number of students / including grant / expelled |           |           |           |           |
|-----------------------|---|-----------|-----------|-----------|-----------|
|                       | 2020-2021   | 2021-2022 | 2022-2023 | 2023-2024 | 2024-2025 |
| 8D07365- Construction | -   | -         | -         | 1 / 1     | 2 / 2     |

The university provides wide access to educational resources and student support systems. For example, the university's scientific library offers round-the-clock access to 10 electronic resource databases, as well as subscriptions to domestic and foreign databases (Elsevier, Springer, Scopus, RMEB, AlemBook, etc.). Comfortable conditions for learning have been created: there are 4 reading rooms with 900 seats, electronic reading rooms, Openspace with 100 seats and a computer park with Internet access. Agreements have been concluded with Kazakhtelecom JSC for video conferencing and Wi-Fi. Since 2021, the automated electronic library "MegaPro" has been operating 24/7. In 2022, a planetary scanner was purchased to digitize the collection. The book collection is regularly updated; in 2021, 6,150 copies of educational and scientific literature were purchased.

In 2022, the university implemented the Electronic Document Management System - Saleoffice.kz IS, which improved internal business processes and ensured integration with the Unified Electronic Document Management System for interaction with government agencies and private firms. The Personnel IS, developed by its own specialists, is also used, containing data on 30 parameters for personnel accounting. Office work is carried out in accordance with approved instructions, ensuring the safety and archiving of documents. Employees are promptly familiarized with information through electronic mailing in the local network.

The editorial and publishing department carries out work on printing and providing educational and methodological literature, printing and printed products. The journal "Bulletin of the Korkyt Ata University" is published quarterly in the series Technical Sciences and Technologies, where scientific articles and theses of scientists and students are published.

The University has a Council of Young Scientists that coordinates the scientific activities of students and young researchers. Every year, an intra-university stage of the Republican competition of research projects is held, aimed at supporting and developing the research activities of students. A scientific and practical conference is also traditionally organized, based on the results of which a collection of materials is published in PDF format on the University website.

The university has implemented the AIS Univer to automate the collection and analysis of information, manage the educational process and improve the quality of educational services. The system facilitates effective management of the educational process, improves information support for employees and students, and increases awareness of students through electronic interaction.

These tools allow us to evaluate the effectiveness and efficiency of activities in the context of the educational program, as well as to take into account the development needs of the university.

### ***Analytical part***

The University actively uses modern ICT and automated systems for collecting, analyzing and managing information, which helps improve the quality of the educational process and management activities. Key achievements:

- automation of processes - the AIS "Platonus" and "Univer", modules for managing the schedule, dormitories, testing, document flow (Salemoffice.kz) and personnel records ("Personnel") have been implemented;
- development of digital resources - access to the MegaPro electronic library, domestic and international databases (Scopus, Springer, Elsevier, RMEB, etc.) is provided;
- quality control of education - internal audit, surveys of students and teaching staff, analysis of educational programs, monitoring of student satisfaction are carried out;
- scientific research activities - the Council of Young Scientists operates, research competitions and scientific and practical conferences are held, the journal "Bulletin of the Korkyt Ata University" is published;
- feedback and communication - there is a survey system, complaint and suggestion boxes, a hotline, email for managers, a rector's blog, and events (fairs, exhibitions, Open Days) are actively used;
- ensuring information security - data protection measures have been implemented, integration with the Unified Electronic Document Management System, compliance with personal data legislation.

An integrated approach to digitalization, automation and quality control at the university contributes to the increased efficiency of the educational process, research activities and management. The implemented systems ensure transparency, efficiency and convenience of interaction between students, faculty and administration, and also contribute to the further development of the university.

*The results of the survey of students show almost complete satisfaction of students with information about courses, educational programs, and the academic degree received: 49 people (81.7%) are completely satisfied, 11 people (18.3%) are partially satisfied, which indicates a high level of awareness and satisfaction of students.*

### ***Strengths/Best Practices:***

not observed.

### ***VEK recommendations for OP 8D07365 "Construction":***

-

*Conclusions of the VEC: according to the standard "Information Management and Reporting", 17 criteria were disclosed, of which all 17 criteria have a satisfactory position.*



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

- ✓ *The university must demonstrate the existence of a documented procedure for developing the EP and its approval at the institutional level.*
- ✓ *The university must demonstrate the compliance of the developed educational program with the established goals and planned learning outcomes.*
- ✓ *The leadership of the educational institution must determine the influence of disciplines and professional practices on the formation of learning outcomes.*
- ✓ *The university can demonstrate the presence of a model of a graduate of the educational program, describing the learning outcomes and personal qualities.*
- ✓ *The qualification awarded upon completion of the EP must be clearly defined, explained and correspond to a specific level of the NQF, QF-EHEA.*
- ✓ *The management of the educational program must demonstrate the modular structure of the program based on the European Credit Transfer and Accumulation System (ECTS), ensure that the educational program and its modules (in terms of content and structure) comply with the set goals with a focus on achieving the planned learning outcomes.*
- ✓ *The management of the educational institution must ensure that the content of academic disciplines and learning outcomes correspond to each other and to the level of education (bachelor's, master's, doctoral).*
- ✓ *The management of the OP must demonstrate that external examinations of the OP have been carried out.*
- ✓ *The management of the educational program must provide evidence of the participation of students, faculty and other stakeholders in the development of the educational program and ensuring its quality.*
- ✓ *The management of the educational institution must demonstrate the positioning of the educational institution in the educational market (regional/national/international) and its uniqueness.*
- ✓ *An important factor is the ability to prepare students for professional certification.*
- ✓ *An important factor is the availability of a double-degree program and/or joint programs with foreign universities.*

#### ***Evidential part***

The MOP 8D07365 "Construction" submitted by the university for accreditation (approved on 19.01.2023, protocol No. 10) was developed and approved in accordance with the requirements of the documents: Academic Policy of NAO "Korkyt Ata Kyzylorda University" (section "Regulations on the development and approval of the EP"), Regulations on the Employers' Council of NAO "Korkyt Ata Kyzylorda University", Competency Model of a University Graduate.

OP 8D07365 "Construction" was developed in accordance with the professional standard of the Republic of Kazakhstan "Development of construction projects" (NCE "Atameken"), approved at the institutional level and registered in the Register of OP EHEA.

The approval of the EP occurs in stages in the established order, first they are heard at an extended meeting of the department, institute, then the EP is submitted for consideration to the Academic Committee on Quality, where, together with strategic partners (employers) and students, the approval procedure is carried out (through presentations, round tables, seminars, etc.), then the program is approved at a meeting of the Academic Council of the university.

The Academic Committee for the Development and Adjustment of the EP shall include: Chairman of the Committee on Academic Quality - Director of ITI - Abzhalelov B.B. and 28 members of the Council, including the head of EP 8D07365 "Construction" - Zhakapbaeva G.A., teachers Karshyga G.O., Zhapakhova A.U., employers: Togyzbaev K.A., Biimbetov Kh.M., Utegenov K.M., Budikova K.M., Niyazov S.L., students: Tursynkozha N.O. (2nd year doctoral student), Yeshmurat K., Serikova L. - master's students (order on the composition of the Academic Committee on Quality No. 326-a dated 09/04/2023).

The coordination of MOP 8D07365 "Construction" was carried out with representatives from production: Director of TOO "SK Montazh Stroy" M.T. Turebaev, Director of TOO "ArkStroyProektOrda" A.K. Akylbaev.

The graduate model of all educational programs of the university is developed on the basis of the VND: "Competency model of a university graduate". The graduate model of educational program 8D07365 "Construction" is presented as a separate document (approved by the Chairman of the Academic Quality Committee, 19.01.2023). Specialists from the department and the production sector took part in the development of graduate models: members of the Academic Quality Committee.

Submitted for accreditation by the OP8D07365 "Construction" has undergone external review, with the involvement of leading experts from partner enterprises and universities. The experts were presented with reviews from the director of TOO "SK Montazh Stroy" Turebaev M.M., head of the department of "Industrial, civil and road construction" of the South Kazakhstan University named after M. Auezov, PhD. associate professor Doskaliyev K.S. The presented reviews of the EP reflect the analysis of the program goal: compliance of the goals with modern requirements, target audience and market demands, an assessment of the content and structure of the curriculum, academic disciplines, volume of hours, the ratio of theory and practice, the planned learning outcomes were assessed - compliance of graduates' competencies with the requirements of professional standards or the labor market, etc.

Students can familiarize themselves with the list and brief content of the disciplines on the University website, in the AIS "Platonus", in the Register of the OP EPVO MNiVO RK.

To be admitted to doctoral studies, applicants must have a bachelor's and master's degree. Within the framework of OP 8D07365 "Construction", the following disciplines are recommended for applicants to doctoral studies to master the prerequisites:

Table 3.1 - Prerequisites within the framework of OP 8D07365 "Construction"

| OP level        | Discipline   | Credit |
|-----------------|--|--------|
| Master's degree | Engineering Mechanics III                              | 5      |
|                 | Building structures III                                | 5      |
|                 | Geotechnics II   | 5      |
|                 | Construction production technology II                  | 5      |
|                 | Organization and management of construction production | 5      |

The VEC experts note that the curriculum of the OP 8D07365 "Construction" combines fundamental scientific training, engineering and technical analysis and applied aspects of design and operation of buildings. The MEP is divided into 3 groups of areas according to the content of courses:

1. Research and academic training:

- Academic writing - developing skills in writing scientific papers, working with sources, formatting texts, citing.
- Methods of scientific research - study of the methodology of science, theoretical and empirical methods of cognition, development of research skills.
- Development and management of scientific projects - organization of research projects, risk management, financing and commercialization of scientific ideas.

These courses provide doctoral students with the tools to conduct quality research, prepare publications, and manage research projects.

2. Design and engineering analysis of buildings:

- Design of high-rise buildings and structures - modern approaches to the design of high-rise civil buildings, ensuring their reliability and comfort.

- Design of unique buildings and structures - assessment of geodetic and engineering-geological conditions, verification of calculations, independent examination.

These courses will provide preparation for the creation of complex architectural objects taking into account safety, innovative technologies and regulatory requirements.

3. Durability, operation and reliability of structures:

- Durability and operation of buildings and structures - methods for assessing the reliability of structures, physical and mechanical control, reducing repair costs.

- Problems of durability of building structures - corrosion, mechanisms of destruction of materials, prevention and protection of structures.

These courses provide skills in extending the service life of buildings, improving their performance characteristics and minimizing repair costs.

Doctoral students of the OP 8D07365 "Construction" undergo teaching and research practice, as well as a scientific internship. Practices are held in production, research, design organizations and partner universities, whose activities correspond to the professional areas and topics of doctoral dissertation research. Pedagogical practice takes place at Korkyt Ata University and is aimed at developing teaching and scientific supervision skills. Research practice is carried out at production facilities and / or in universities, where doctoral students carry out the experimental part of the dissertation research. Scientific internships take place in leading foreign and domestic universities, for example: 2024-2025 academic year - Tursynkoja N.O., 2nd year doctoral student, will undergo an internship at Yildiz Technical University (Istanbul, Türkiye), 2025-2026 academic year. g. - Zhapparbek N. and Mikhailov D., first-year doctoral students, are planning an internship at Samara State Technical University (Samara, Russia).

The implementation of the EP and the graduation of doctoral students of the EP 8D07365 "Construction" due to the obtained competencies will allow future PhDs to undergo professional certification depending on their specialization and the disciplines studied. The main possible types of certification include:

1. International and national engineering certifications: PE (Professional Engineer) - for work in the USA, Canada and some other countries; CEng (Chartered Engineer) - certification in the UK through the Engineering Council UK, EUR ING (European Engineer) - a certificate recognized in Europe by the European Federation of National Engineering Associations (FEANI); SRO (Self-Regulatory Organization of Civil Engineers) - certification in the CIS countries for designers and construction control specialists; national certificates of designers and experts - in Kazakhstan, certification is required for designers and experts in construction.

2. Certification in the field of sustainable construction and innovation: LEED (Leadership in Energy and Environmental Design) - for specialists in environmentally sustainable construction; BREEAM (Building Research Establishment Environmental Assessment Method) - an international standard for environmental design; DGNB (Deutsche Gesellschaft für Nachhaltiges Bauen) - a German standard for certification of environmental construction.

3. Certification in the field of design and examination of buildings: BIM certification (Building Information Modeling) - Autodesk Certified Professional (Revit, Civil 3D), etc.;

certification in the calculation of the reliability and durability of structures - depending on national standards (e.g. SNiP, SP, Eurocode); FEM certification (Finite Element Method) - confirms qualifications in the use of numerical methods for calculating structures.

4. Certification in scientific research and project management: PMP (Project Management Professional) - international certification in project management; PRINCE2 (Projects in Controlled Environments) - certification in project management, popular in Europe; certification of scientific managers and experts according to SCOPUS, Web of Science standards - for teachers and researchers.

Monitoring and periodic assessment of the educational program at Korkyt Ata University are conducted based on the analysis of curricula, regulatory documents, surveys of students and teachers, as well as observations of the activities of support services. Control procedures include:

- Analysis of curricula for compliance with professional competencies and the State Standard;
- Assessment of the implementation of a modular-competence-based approach taking into account the logical sequence of disciplines;
- Monitoring the activities of teachers and advisors, use of IT resources and library funds;
- Monitoring of research, publication activity and participation in conferences;
- Assessment of the quality of SRO, SRO, teaching load of teaching staff and educational materials;
- Analysis of the involvement of employers and practitioners in the assessment and development of educational programs;
- Updating elective disciplines taking into account the needs of the labor market.

The evaluation of the EP is carried out in a comprehensive manner, taking into account the systemic approach. The Academic Council annually reviews the RUP, adjusts the teaching and methodological complex and updates the elective courses, ensuring the relevance and quality of the educational process. For example, in the MEP8D07365 "Construction" New disciplines will be included in the 2025-2026 academic year: "Application of AI to analyze data on the condition of buildings, their durability and sustainability", "Implementation of AI to automate the management of construction processes, including monitoring, control and safety systems."

Experts note that the university implements a multi-level system of monitoring and evaluating the educational program, including: surveying students to assess the quality of the educational process, internal and external control (teachers analyze the level of students' preparation, the Academic Quality Committee, graduates and stakeholders evaluate the effectiveness of the educational program), a knowledge control system (current, midterm control and final certification according to a point-rating system), regular checks of the teaching and methodological kits, transparency of educational program updates (all changes are published on the university website and in the department's social networks).

The quality assessment of the educational program is carried out on the basis of the Regulation "On the assessment of the quality of the implementation of educational programs of the university".

### *Analytical part*



The members of the NAAR EEC note that the University defines goals for each program developed and approved, the basis of which are the State Educational Standard, regulatory acts of the Republic of Kazakhstan and the needs of the labor market. When determining the contribution of disciplines to the process of determining learning outcomes, recommendations and suggestions from employers are taken into account.

To achieve the goal of the OP8D07365 "Construction" a comprehensive and interdisciplinary approach is provided, allowing graduates to combine theoretical knowledge with practical application in engineering and technical fields; a focus on innovation, aimed at implementing the results of dissertation research in the design, operation and management of construction projects; an applied focus, which gives graduates the opportunity to solve current engineering and research problems, ensuring their competitiveness in the labor market, as well as training scientific personnel capable of not only developing and implementing new technologies in construction, but also managing research projects, promoting scientific ideas and integrating innovations into industrial production.

The development of the graduate model of OP 8D07365 "Construction" is based on the VND "Competency Model of a University Graduate". However, in its current form, there is no clear connection with the requirements of the professional community and the labor market, which reduces its practical significance. In addition, the model does not take into account the level specifics of doctoral student training. It does not reflect: research competencies (the ability to independently conduct research, publication activity, integration into the international scientific community), analytical competencies (skills for comprehensive analysis of engineering, technological and managerial aspects of construction); managerial competencies (the ability to develop and implement innovative technologies, manage projects, evaluate their effectiveness), etc. In this regard, the VEC experts note the need to revise the VND "Competency Model of a Graduate" to increase its relevance and compliance with modern requirements. When updating the document, it is recommended to take into account:

- specificity of the levels of training - introduce differentiation of competencies for bachelor's, master's and doctoral programs. For PhD, it is important to additionally include competencies in the field of scientific research, analytics and management of innovative projects;
- adaptation to the requirements of the labor market - provide for competencies that are in demand in companies, research centers, government agencies and specialized organizations;
- taking into account current industry trends - integrating new technologies, digitalization, sustainable construction and the BIM approach, which will increase the practical significance of graduate training.

Graduates of OP 8D07365 "Construction" can undergo engineering certification, confirm competencies in the field of sustainable design, and also obtain certificates in BIM technologies, project management and scientific expertise. The choice of certification depends on career goals - work in research, design, construction management or implementation of innovations

The OP management demonstrated the program's positioning in the educational market, where the OP8D07365 "Construction" occupies one of the leading positions in the national rating of the NCE "Atameken".

The university management is working to harmonize the educational program with the curricula of partner universities, having identified its main partners (Türkiye, Russia), which

allows students to freely undergo scientific internships within the framework of dissertation research topics.

In the register of the Unified Platform of Higher Education of the Republic of Kazakhstan, the language of implementation of OP 8D07365 "Construction" is indicated only as Kazakh (<https://surl.li/bghumr>). The EEC experts believe that limiting the language policy for implementing the university's EP narrows the opportunities for international integration of programs, limiting the attraction of foreign students, teachers and partners, as well as graduates' access to the international scientific and professional community, including international professional certification. The EEC experts note that in order to develop the EP as an international program, it is necessary to pursue a targeted policy for the introduction of multilingual education. This will increase academic mobility, the competitiveness of graduates and expand opportunities for cooperation with foreign universities and research centers. In this regard, it is recommended that the university management actively develop multilingual education, ensuring the implementation of disciplines not only in Kazakh, but also in Russian and English, including within the framework of EP 8D07365 "Construction".

*A survey of students conducted during the VEK visit showed:*

*1.50 people (83.3%) were fully satisfied with the quality of the educational program as a whole, as well as the quality of the educational programs in the educational program, 10 people (16.7%) were partially satisfied;*

*2. Overall, 49 students (81.7%) were completely satisfied with the teaching methods, 8 students (13.3%) were partially satisfied, and 3 students (5%) were dissatisfied;*

*3. 48 students (80%) expressed complete satisfaction with the speed of response to feedback from teachers regarding the educational process, 12 students (20%) were partially satisfied.*

***Strengths/Best Practices:***

*are not observed.*

***VEK recommendations for OP 8D07365 "Construction":***

1. The university management is recommended to revise the VND "Competency Model of a Graduate" taking into account the specifics of the levels of training, adaptation to the requirements of the labor market, consideration of current industry trends, etc. Deadline - 2025.

2. The university management shall document the minimum requirements for ensuring the implementation of the university's core disciplines in foreign languages, including in Russian for groups with Kazakh as the language of instruction, in Kazakh for groups with Russian as the language of instruction, and ensure their implementation, including within the framework of OP 8D07365 "Construction". Duration: 2025-2026 academic year.

***Conclusions of the VEC:***

*According to the standard "Development and approval of educational programs", 12 criteria are disclosed, of which: 11 criteria are satisfactory, 1 criterion requires improvement.*



#### **6.4 Standard “Continuous monitoring and periodic evaluation of educational programs”**

- ✓ *The university must ensure a revision of the content and structure of the educational program, taking into account changes in the labor market, employer requirements and the social demands of society.*
- ✓ *The university must demonstrate the existence of a documented procedure for monitoring and periodically evaluating the EP to achieve the EP objective. The results of these procedures are aimed at continuous improvement of the EP.*
- ✓ *Monitoring and periodic evaluation of the OP should consider:*
  - *the content of the programs in the context of the latest achievements of science and technology in a specific discipline;*
  - *changes in the needs of society and the professional environment;*
  - *workload, academic performance and graduation of students;*
  - *the effectiveness of student assessment procedures;*
  - *needs and level of satisfaction of students;*
  - *compliance of the educational environment and the activities of support services with the objectives of the educational program.*
- ✓ *All interested parties must be informed of any planned or undertaken actions in relation to the OP. All changes made to the OP must be published.*
- ✓ *Support services should identify the needs of different groups of students and their level of satisfaction with the organization of learning, teaching, assessment, and mastery of the educational program as a whole.*

#### ***Evidential part***

The university defines and consistently applies procedures for monitoring, periodic evaluation and revision of the EP in order to ensure that they achieve their goal and meet the needs of students and society. The procedure for monitoring and periodic evaluation of the EP at the university is carried out on the basis of internal documents: Academic Policy of the NAO Korkyt Ata Kyzylorda University, Regulation on the procedure for developing a development plan for an educational program and monitoring its implementation, Internal Audit Standards of the Internal Audit Service of the Korkyt Ata Kyzylorda University, Regulation on assessing the quality of implementation of the university's educational programs, Regulation on the procedure for developing a development plan for an educational program and monitoring its implementation.

The University ensures the participation of students, potential employers and other stakeholders in the evaluation and revision of the EP. This is confirmed by the participation of the faculty, students and employers in the Academic Councils on Quality, the availability of minutes of meetings of collegial management bodies submitted to the experts of the EEC with proposals for studying and updating the MEP.

The basis for these procedures are:

- introduction of new professional standards;
- proposals from potential employers, formed based on the results of a survey or joint events with graduating departments;
- recommendations from representatives of practice bases;
- the results of scientific research activities of the university's teaching staff in the field of technical sciences and innovative research of accredited laboratories;
- changes in regulatory requirements for the development of OP.

Improving the OP includes the following procedures:

- annual examination of methodological support at the level of department meetings, the Academic Council for Quality, and the Academic Council of the University;
- annual analysis and updating of the CED with the involvement of employers;

- maintaining feedback with stakeholders aimed at improving the educational program (round tables, final conferences on teaching and research practices, joint scientific and methodological seminars);
- monitoring the implementation of the program at the UMS level;
- assessment of the quality of the OP by the main stakeholders;
- annual internal audits to determine the compliance of the processes of planning, organization, monitoring and development of the quality of the OP with the established requirements;
- analysis of the results of external quality assurance procedures;
- review of the general results of monitoring and evaluation of the OP, development of measures for improvement.

An example of the grounds for updating OP 8D07365 "Construction" was the results of the analysis of industry trends, including monitoring of personnel needs, changes in legislation and technological trends in construction, such as BIM technologies. For example, in the period 2020-2025, significant changes occurred in the Republic of Kazakhstan:

- Updating the rules for coordinating design documentation (2021) for hazardous industrial facilities.
- Changes in legislation (2021) on industrial safety and other areas.
- Improving the quality of construction (2023) with an increase in the warranty period for the operation of facilities to 5 years and regulation of design in seismic zones.
- Implementation of BIM technologies: from 2023 - mandatory use of TIMSO for complex objects, from 2025 - for technically complex objects. In 2024, a round table on BIM innovations was held.

These changes served as the basis for updating the KED in the content of disciplines 8D07365 "Construction".

Doctoral students of the OP 8D07365 "Construction" are given the right to choose a training trajectory - the OP provides alternative disciplines for choosing a training trajectory (Table 4.1).

Table 4.1 - Electiveness of disciplines within the cluster's OP

| <i>N<br/>o<br/>.</i> | <i>Discipline code and discipline name</i>                   | <i>loans</i> |
|----------------------|--|--------------|
| 1                    | Development and management of scientific projects            | 5            |
|                      | Design of unique buildings and structures                    |              |
| 2                    | Durability and operation of buildings and structures         | 3            |
|                      | Problems of durability of building structures and structures |              |

Monitoring of students' academic performance is systematically carried out in the form of discussions of the results of midterm controls 1 and 2, examination sessions in study groups. Based on the results, corrective actions and decisions are taken.

The process of monitoring, evaluation and improvement is reflected in the decisions of collegial bodies.

The quality of the OP is assessed annually by the main stakeholders, namely:

- an annual survey of students on the quality of the educational program, learning environment and support services;
- analysis of the organization of open classes and mutual visits of teaching staff;
- assessment of the educational results of students of the educational program is considered at meetings of the department and institute;
- interaction of the department with representatives of practice bases, including through joint formation of a catalog of elective disciplines.

The quality of implementation of the OP 8D07365 "Construction" was assessed through the analysis of open classes and mutual visits of the faculty implementing the OP. This method made it possible to obtain an objective picture of the level of teaching, compliance of disciplines with modern requirements and their practical significance. Based on the conclusions of the working group, a decision was made to open branches of the OP in construction companies of the region - TOO "SK Montazh-Stroy", TOO "KSM KZ" and TOO "Etalon Ortalygy". This ensured closer integration of the educational process with the real conditions of professional activity of doctoral students. The branches offer disciplines that are key for the preparation of doctoral students: Methods of scientific research - to develop research competencies; Design of high-rise buildings and structures - taking into account modern technological and regulatory requirements; Durability and operation of buildings and structures - to improve the level of knowledge about the reliability and life cycle of objects. The opening of branches has improved the practical orientation of training, providing doctoral students with access to real construction processes, modern technologies and interaction with employers.

The VEC experts note the successful functioning of the feedback based on the results of monitoring the procedures carried out at the university. In particular, mini recreation areas have been created in the educational building No. 5, a coffee machine has been installed, and a bicycle parking lot has been organized on the territory of the building.

The management of the accredited educational program carries out coordinated work with stakeholders, interaction is carried out through joint coordination of programs of pedagogical and research practices, participation in conducting training sessions, performing research work, participating in seminars, organizing advanced training courses, discussing topics of dissertation research. As an example, within the framework of the educational program 8D07365 "Construction", we can cite the implementation of dissertation projects in cooperation with industrial enterprises. This allows doctoral students to solve real problems in demand on the labor market and master advanced technologies:

- DI topic: Modeling of building and structure systems from vibration impact - a 2nd year doctoral student develops a 3D model of a building using Autodesk Revit, Navisworks, SketchUp, which corresponds to practical design tasks in construction companies.

- topic of the DI: Seismic risk and vulnerability assessment of schools in Kyzylorda - the research of a 1st year doctoral student is aimed at improving the seismic safety of facilities using AR/VR technologies (Unity, Unreal Engine, BIM 360, which is important for sustainable construction.

- DI topic: Application of AI to control technological standards and safety - a 1st year doctoral student analyzes construction processes using AI data, Green Building Studio, Autodesk Revit, IESVE, which contributes to the introduction of smart technologies in the industry.

Internal evaluation of educational programs is carried out by the conclusion of the working group, which is created by order of the Rector of the University. Based on the conclusion of the working group, the EP is reviewed and recommended for approval at meetings of the department, the Academic Council for Quality and approved by the Academic

Council of the University. After passing all stages of coordination and approval, the EP is introduced into the educational process.

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

The workload, academic performance and graduation of students of the EP correspond to regulatory requirements and the State Educational Standard. Based on the data of continuous monitoring, a report on the results of sessions is analyzed and generated. This issue is periodically considered at meetings of departments, the institute, the Academic Council of the University to take the necessary measures to improve academic performance and achieve the desired results.

A student who does not agree with the results of the exam assessment has the right to appeal. In certain cases (due to illness, family circumstances, other objective reasons), the dean's office may allow the student to take the exam session individually.

Every year, a survey of students is conducted to assess the teaching activities of the teaching staff; the analysis of the survey is carried out at department meetings. Based on the results of the discussion, the management of the educational institution makes a decision on corrective actions.

The educational environment and support services correspond to the goals of the educational program, since the educational process for accredited programs is implemented in specialized classrooms and educational laboratories equipped with the necessary equipment and software.

### ***Analytical part***

The process of monitoring, evaluating and improving the EP is the responsibility of the head of the EP and is controlled by the Academic Quality Committee. Documentary evidence of changes to the EP are: decisions of collegial bodies; action plans for improving the EP; updated methodological support based on decisions of collegial bodies; protocols of events.

The main objectives of discussing the results of monitoring and evaluation of the educational program at collegial meetings are: facilitating the evaluation of the educational program and its improvement; informing about changes in external requirements for the educational program; maintaining an exchange of ideas with other organizations implementing the educational program; harmonizing the content with the educational programs of Kazakhstani and foreign universities; determining the areas of advanced training for the teaching staff implementing the educational program; recommending the passage of external quality assurance procedures; determining the forms and content of feedback with stakeholders for the development of the educational program.

Information about changes in OP 8D07365 "Construction" is carried out at department meetings, the Academic Council for Quality, and the Academic Council of the University. Also, interested parties are informed about upcoming meetings on issues of reviewing educational programs by means of communication (mobile communications/e-mail/WhatsApp). The department has accounts in social networks (Instagram, Facebook, etc.),

through which all interested parties are informed about events held at the department and the university. At the same time, the VEK commission notes the need to implement a mechanism for informing all interested parties about any planned or undertaken actions in relation to the accredited educational program 8D07365 "Construction" on the university website. University does not publish information about changes made to the OP.

***Strengths/best practices for OP 8D07365 "Construction":***

are not observed.

***VEK recommendations for OP 8D07365 "Construction":***

1. The management of OP 8D07365 "Construction" shall annually post detailed information on the university website related to changes in the structure and/or content of the OP, graduate model, etc., to inform stakeholders about the decisions taken in terms of taking into account their proposals. Deadline - within 10 days after the relevant changes are made.

***Conclusions of the VEC:***

*According to the standard "Continuous monitoring and periodic evaluation of educational programs", 10 criteria are disclosed, of which: 10 positions have a satisfactory position.*



### **6.5. Standard "Student-centered learning, teaching and assessment of academic performance"**

- ✓ *The leadership of the educational institution must ensure respect and attention to different groups of students and their needs, providing them with flexible learning paths.*
- ✓ *The management of the educational program must ensure that teaching is based on modern achievements of world science and practice in the field of study, the use of various modern teaching methods and assessment of learning outcomes that ensure the achievement of the educational program's goals, including competencies and skills for performing scientific work at the required level.*
- ✓ *The management of the educational program must determine the mechanisms for distributing the students' academic workload between theory and practice within the educational program, ensuring that each graduate masters the content and achieves the educational program's goals.*
- ✓ *An important factor is the availability of our own research in the field of teaching methods for the EP disciplines.*
- ✓ *The university must ensure that the procedures for assessing learning outcomes correspond to the planned results and objectives of the educational program.*
- ✓ *The university must ensure consistency, transparency and objectivity of the mechanism for assessing the learning outcomes of the EP. The criteria and methods for assessing learning outcomes must be published in advance.*
- ✓ *Evaluators must be proficient in modern methods of assessing learning outcomes and regularly improve their skills in this area.*
- ✓ *The leadership of the educational institution must demonstrate the existence of a feedback system on the use of various teaching methods and assessment of learning outcomes.*
- ✓ *The leadership of the EP should demonstrate support for learner autonomy while providing guidance and assistance from the teacher.*
- ✓ *The management of the educational institution must demonstrate that there is a procedure for responding to student complaints.*

#### ***Evidential part***

At the University, student-centered learning is implemented through the following provisions:

- 1) The student, with the help of an advisor, creates his/her individual curriculum for each academic period using a standard curriculum and KED. The choice of an individual educational trajectory is made on the basis of modular educational programs (MEP), which, in addition to general education and basic disciplines of the compulsory component, include elective courses and practices aimed at developing professional competencies.
- 2) The student has the right to undergo academic mobility training in other universities both in the Republic of Kazakhstan and abroad, with subsequent credit for the studied disciplines and their inclusion in the transcript.
- 3) A student, while at another university within the framework of academic mobility, in the absence of the opportunity to study certain disciplines there, has the right to study these disciplines using distance learning technologies.
- 4) To meet the need for additional or repeated study of disciplines, the university holds a summer semester every year.

During the academic year, the schedule includes hours of independent professional development, the departments have schedules of faculty consultations, additional information is provided in the syllabuses for the disciplines, and the student can also contact the teacher by e-mail.

Ensuring equal opportunities for students is achieved through the development of educational, methodological, organizational, methodological and informational support for the educational process in two languages: Kazakh and Russian.

In accordance with the Law of the Republic of Kazakhstan "On Social Protection of Disabled Persons in the Republic of Kazakhstan" dated 09.12.2016 No. 1050, the university has created a comfortable environment for students with special needs. Ramps are provided in the academic buildings, sanitary rooms have been re-equipped in accordance with the requirements for the accessibility of the educational environment. The library and information center of the university provides access to educational literature for students with hearing and vision impairments.

In order to provide social support to students, systematic work has been organized in accordance with the strategic plan for the development of the university. Financial support is provided for orphans and children left without parental care; financial support for students from low-income and socially vulnerable families; provision of accommodation in dormitories for out-of-town and foreign students; support for talented youth.

To enable students to choose an individual educational trajectory, the necessary conditions are created, which include:

- the possibility of choosing elective courses and teachers;
- development of an individual educational plan;
- organizing an additional semester for repeated or additional study of subjects;
- the possibility of learning using distance learning technologies;
- familiarization with personal results of academic achievements;
- the opportunity to study within the framework of academic mobility;
- the ability to use the educational portal;
- the possibility of using the electronic library of the university, the Republican Interuniversity Electronic Library;
- To conduct laboratory and practical work, students can use specialized laboratories, multimedia rooms of the university and conditions for obtaining practical skills at the practice bases.

The elective nature of disciplines at the university is regulated by the Higher Educational Institutions, in particular the Academic Policy.

The University monitors the effectiveness of educational services by systematically surveying students using standardized questionnaires.

The main methods of periodic assessment of educational activities include questionnaires, interviews and surveys; internal audits; analysis of the rector's blog, "complaints and suggestions box"; content analysis of the media, etc.

The training process uses a generally accepted global scale of letter and digital designations, reflecting the mechanism of credit transfer in the ECTS credit system. According to this scale, grades are given in oral and written exams.

Knowledge assessment is carried out in accordance with the Academic Policy of the University. Assessment criteria are developed by departments based on university methodological recommendations.

The feedback system on the use of teaching methods and assessment of learning outcomes includes various methods of collecting and analyzing information. Surveys of doctoral students (questionnaires, focus groups) allow us to assess satisfaction with the educational process and identify problematic aspects. Analysis of test and exam results helps to

identify complex topics and the effectiveness of the teaching methods used. Feedback via LMS (Moodle, Platonus, etc.) is carried out using built-in questionnaires and feedback forms, which helps to identify difficulties in mastering digital courses. Round tables and discussions with teachers facilitate the exchange of experience and the implementation of best practices. Individual consultations with doctoral students help to adapt teaching methods and increase their involvement. In addition, an analysis of doctoral students' portfolios (projects, BIM models, engineering solutions) is carried out to assess the formed competencies. Expert assessment of employers within the framework of dual education ensures that programs are adjusted to market requirements. A survey of graduates allows us to assess the long-term quality of education, and monitoring the participation of doctoral students in research work - the formation of research skills. Digital analytical tools (BI analytics, Big Data) are also used, which automatically analyze the activity of doctoral students and predict their academic performance. All feedback methods are associated with advanced training courses for teaching staff aimed at developing digital competencies and improving the educational process.

### *Analytical part*

The university carries out systematic work to monitor the academic performance of students. The teaching staff of OP 8D07365 "Construction" regularly improve their qualifications within the specifics of specialized disciplines. Experts note the need to improve the qualifications of the teaching staff in the field of modern methods for assessing students' achievements when implementing OP 8D07365 "Construction".

The management of the EP implements a classic mechanism for distributing the academic load between theoretical and practical training. During interviews with target groups of students, graduates and employers, the need to strengthen the practice-oriented nature of all EPs of the university was voiced. The importance of not only organizing professional practices at enterprises, but also applying this approach to practical and laboratory classes in the educational process was noted, which is already being implemented within the framework of EP 8D07365 "Construction".

PTS OP 8D07365 "Construction" uses both traditional and interactive teaching methods in the educational process. Among them: information technologies (ArchiCAD, Revit, SketchUp, VektorWorks software); training programs (PLATONUS learning management system); Internet services.

When implementing innovative methods in the educational process, the university management provides significant support in acquiring material and technical resources at the request of department heads. This contributes to achieving the necessary results and their integration into the educational and research processes, including the publication of educational and methodological complexes, the publication of scientific articles, and the submission of applications for grant funding.

The experts were shown examples of original teaching methods, as well as a feedback mechanism that provides an analysis of the effectiveness of various teaching methods and assessment of learning outcomes.

*A survey of students conducted during the VEK visit showed:*

- 1. 60 students (100%) expressed satisfaction with the overall quality of teaching;*
- 2. 58 students (96.7%) expressed satisfaction with the quality of examination materials*

(tests and examination questions, etc.), and 2 students (3.3%) expressed partial dissatisfaction;

3. 60 students (100%) expressed satisfaction and partial satisfaction with the objectivity of the assessment of knowledge, skills and other academic achievements.

***Strengths/Best Practices:***

not observed.

***Recommendations of the VEC on OP 8D07365 "Construction":***

1. To the OP management 8D07365 "Construction", include in the development plans activities to improve the qualifications of teaching staff in the field of applying modern methods of assessing student achievements, and begin their implementation. Deadline - from the 2025-2026 academic year.

***Conclusions of the VEC:***

According to the standard "Cstudent-centered learning, teaching and assessment of academic performance" disclosed 10 criteria, of which: 9 criteria have a satisfactory position, 1 criterion requires improvement.



### **6.6. Standard "Students"**

- ✓ The university must demonstrate the policy of forming the contingent of students and ensure transparency of its procedures. The procedures regulating the life cycle of students (from admission to completion) must be defined, approved, published.
- ✓ The management of the OP should provide for the implementation of special adaptation and support programs for newly admitted and foreign students.
- ✓ The university must demonstrate that its actions comply 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 informal education.
- ✓ The university must provide opportunities for external and internal academic mobility of students, as well as assist them in obtaining external grants for their studies.
- ✓ The university should actively encourage students to self-educate and develop outside the main program (extracurricular activities).
- ✓ An important factor is the presence of a mechanism to support gifted students.
- ✓ The institution must demonstrate cooperation with other educational organisations and national centres of the "European Network of National Information Centres on Academic Recognition and Mobility/National Academic Recognition Information Centres" ENIC/NARIC in order to ensure comparable recognition of qualifications.
- ✓ The university must provide students with internship opportunities, demonstrate the procedure for facilitating the employment of graduates, and maintaining contact with them.
- ✓ The university must demonstrate the procedure for issuing graduates with documents confirming the qualifications they have received, including the learning outcomes they have achieved.
- ✓ The management of the OP must demonstrate that graduates of the program have skills that are in demand in the labor market and that these skills are actually in demand in the labor market.
- ✓ The management of the educational institution must demonstrate the existence of a mechanism for monitoring the employment and professional activities of graduates.
- ✓ An important factor is the presence of an active alumni association/association.

#### ***Evidential part***

The policy for forming the student body at the university is based on clearly defined procedures that ensure transparency at all stages of the educational process. Criteria for admission, transfer, expulsion, reinstatement and graduation of students, enshrined in local regulations, have been developed and approved. Admission is carried out in accordance with state regulations, and all regulatory documents are available on the official website of the university. Open publication of information is ensured: the website contains the admission rules, competitive selection conditions, transfer and academic leave procedures, as well as information on the number of places, passing scores and enrollment stages. The life cycle of students is regulated. The university has defined the procedure for admission (rules for submitting documents, deadlines, lists of applicants), training (schedule, disciplines, assessment systems, academic support), transfer and reinstatement (clear conditions and deadlines), expulsion (criteria, appeal mechanisms), and completion of training (state final certification, issuance of diplomas). Transparency is controlled and monitored through feedback mechanisms (questionnaires, rector's blog, appeals), open reports on recruitment, academic performance and graduation, as well as internal audit of compliance with the rules.

Table 6.1 - Recruitment of students for the 1st year of the educational program 8D07365 "Construction"

| Academic year | Total received on 1 course | including:       |          |                         |     |
|---------------|----------------------------|------------------|----------|-------------------------|-----|
|               |                            | type of training |          | language of instruction |     |
|               |                            | grant            | contract | rus                     | kaz |
| 2021-2022     | -                          | -                | -        | -                       | -   |
| 2022-2023     | -                          | -                | -        | -                       | -   |



|           |   |   |   |   |   |
|-----------|---|---|---|---|---|
| 2023-2024 | 1 | 1 | - | - | 1 |
| 2024-2025 | 2 | 2 | - | - | 2 |

Adaptation and support of students at Korkyt Ata KU is provided through special measures aimed at comfortable entry into the educational process and successful learning, especially for first-year and foreign students. The main areas of support:

1. Adaptation activities: propaganda “Open air” (a series of meetings, excursions, trainings about the university and its opportunities), supervision and mentoring (assistance from senior students and teachers), introductory lectures and trainings on academic rules, rights and responsibilities, preventive meetings with representatives of law enforcement and social services, registration of doctoral students with a medical professional, medical support at mass events.

2. Programs for foreign students: organizational and informational support, language, social and psychological adaptation, provision of dormitory accommodation, legal and everyday support.

3. Psychological and social support: psychological assistance center (free consultations), social support (benefits, assistance to vulnerable categories of students).

4. Information support: online platform with useful information (schedule, service contacts, Telegram Bot, Platonus, electronic library, Minor program catalog).

5. Development of social and cultural activity: (participation in clubs, volunteer and social projects), cultural and sports events, excursions, competitions.

The university ensures transparent procedures for the recognition of qualifications, academic mobility and the results of additional, formal and informal learning in accordance with the Lisbon Convention and national standards. The main areas of implementation are: regulatory framework, academic mobility, recognition of learning outcomes, the introduction of ECTS, which allows taking into account the learning outcomes obtained in other universities, recognition of the results of informal learning, information support and control, the introduction of mechanisms for appealing decisions, monitoring the effectiveness of recognition procedures and feedback from students and graduates. The results of the policy:

- In 2025-2026, doctoral students of the OP 8D07365 "Construction" plan to undergo a scientific internship at the Yildiz Technical University (Turkey) and Samara State Technical University (Russia).

Korkyt Ata University develops academic mobility and supports doctoral students in obtaining external grants:

- Internal mobility - Major/Minor, exchange programs, course credits are being implemented, agreements have been concluded with Kazakhstani (International Educational Corporation, Karaganda Technical University named after Abylkas Saginov, South Kazakhstan University named after M. Auezov, Taraz Regional University named after M. Kh. Dulati, West Kazakhstan Agrarian and Technical University named after Zhangir Khan, etc.)

- External mobility - partnership with foreign universities (Russia, Türkiye), participation in Erasmus+, Bolashak, application of ECTS, language training, work of the International Relations Department.

- Grant support - information about scholarships, assistance in preparing applications, visa support, cooperation with foundations and patrons.

The university creates conditions for the development of self-education, critical thinking and professional growth of students, motivating them to study outside the main program. The main areas of support:

- digital educational environment - subscription to online courses (Coursera, edX), access to scientific databases (Scopus, Web of Science), holding seminars;

- research activities - grants, competitions, publications, internships, hackathons and project marathons;

- professional environment - partnership with employers, master classes, internships, support for startups;

- development of soft skills - leadership programs, volunteering, self-government, sports and cultural events;

- encouraging initiative - grants, scholarships, a bonus system for active participation, to support such initiatives, the ENDOWMENT fund was created in 2020, attracting funds from graduates and companies to finance the training of doctoral students, research projects and strengthening the material and technical base. In addition, an integral GPA system has been introduced, assessing not only academic success, but also research achievements, as well as the social activity of students.

*Experts note that the university has an effective mechanism for supporting gifted students,* which plays a key role in the development of young scientists. One of the significant tools of such support is the rector's grant, provided to the most promising researchers. A striking example is a 2nd-year doctoral student of the educational program "Construction", who became the owner of this grant (Tursynkozha N.O. with the project "Gimrattar men kurilystardy diril aserinen korgau zhyesin modeldeu"). This financial assistance opens up new opportunities for him, allowing him to publish the results of his dissertation work in a prestigious cited journal without obstacles. In the conditions of the modern scientific space, such publications are of decisive importance, contributing to the recognition of research at the international level. The received support not only eases the financial burden, but also ensures the timely completion of the dissertation, giving the young scientist the opportunity to successfully defend it and make a significant contribution to the development of science.

The level of satisfaction of students with the conditions for self-education and extracurricular activities is monitored through the survey "Satisfaction of students with the conditions and opportunities for self-education and extracurricular activities", access to which is provided on the official website of the university.

The university implements comprehensive mechanisms aimed at organizing internships, assisting in employment and maintaining contacts with graduates. Providing internship places: creating a vacancy database (posting current offers from employers, creating an online platform for searching for internships), job fairs and career events (holding career days, meetings with employers, internships, company presentations), career counseling and training (training in writing a resume, preparing for interviews, developing soft skills), internships and dual education (long-term programs with the possibility of subsequent employment), monitoring graduate employment (analysis of career paths, adjustment of educational programs).

Graduates of OP 8D07365 "Construction" successfully build careers in the academic and professional environment, occupying management and teaching positions in leading

universities. Examples confirm the high level of training of graduates and their demand in the field of higher education:

- Erimbetov K.A. - Head of the Department for Coordination of Educational Programs and Planning of the Educational Process at the University "Ashik" (Kyzylorda).
- Abdikerova U.B. - Associate Professor at KU named after Korkyt Ata.
- Abilbek J. - Head of the Department of Pedagogy of Natural Sciences at Suleyman Demirel University.

Feedback from graduates is maintained through negotiations, correspondence, meetings and e-mail, as well as through surveys of graduates of the current year and previous years.

The university has developed an action plan to intensify the activities of graduates, to attract specialists to the ranks of the Graduates Association, and has expanded contacts between graduates and students in order to develop dual education.

### *Analytical part*

Korkyt Ata KU consistently implements the policy of transparency of the educational process, development of academic mobility, support of scientific research and assistance in employment of graduates. Clear regulations for admission, transfer, expulsion and graduation of students have been developed and implemented, guaranteeing transparency of all stages of education.

An analysis of the recruitment of doctoral students for the EP 8D07365 "Construction" shows low demand for the program in recent years. In 2021-2023, no recruitment was carried out, and in 2023-2025, only three doctoral students were enrolled, all only on a grant basis and only with instruction in the Kazakh language. EEC experts highlight several reasons for the weak recruitment:

1. Limited target audience: the program is available only in Kazakh, which excludes Russian-speaking and foreign applicants.
2. Low motivation of master's students to continue their education: Master's graduates may not see prospects in a scientific career or are not aware of the benefits of doctoral studies.
3. Competition from other universities: leading universities of the Republic of Kazakhstan and foreign universities offer programs in several languages, international internships, and double degrees.
4. Lack of active career guidance: perhaps master's students and potential applicants do not receive sufficient information about the benefits of the program.

To solve this problem, VEK experts recommend expanding language opportunities by introducing Russian-language and English-language education, which will attract more applicants, including foreign students, providing preferential payment terms (discounts for graduates of a master's degree program, partial compensation of expenses), concluding partnership agreements with employers to co-finance the training of their employees, organizing meetings with potential doctoral students, explaining the prospects of a scientific career, opportunities for international internships and grants, developing information materials, an advertising campaign in social networks and professional communities, concluding agreements with foreign universities on double degrees, developing specialized modules on modern construction technologies, BIM modeling, sustainable construction, promoting employment and career growth of program graduates through partnerships with construction companies, government agencies, as well as foreign and Kazakhstani educational organizations, etc.

The university is actively working to create favorable conditions for the adaptation of students, especially first-year students and international students. For this purpose, adaptation programs, mentoring, psychological and social support, as well as access to digital educational resources and platforms are provided.

The development of academic mobility and international cooperation is an important area of the university's activities. Internal and external exchange programs are being implemented, agreements have been concluded with leading universities in Kazakhstan, Russia and Turkey. Participation in Erasmus+, Bolashak, the introduction of ECTS and language training allow students to integrate into the international educational space.

The university supports initiatives in the field of self-education, scientific research and innovation. Access to online courses (Coursera, edX), scientific databases (Scopus, Web of Science), organization of hackathons, research internships and startup programs contribute to the professional and academic growth of students. To finance these areas, the ENDOWMENT fund was created in 2020, attracting funds from graduates and partners.

Internship and employment of graduates is a key aspect of educational policy. The University forms a vacancy database, holds job fairs, develops dual training and interaction with employers. Monitoring the career paths of graduates allows us to adjust educational programs and increase their relevance.

The high level of training of graduates is confirmed by their successful careers in the field of education and science. The university actively interacts with graduates, involving them in the development of the university and support of students through the Alumni Association.

#### ***Strengths/best practices for OP 8D07365 "Construction":***

1. Effective support for gifted doctoral students through the rector's grant, which contributes to the development of their scientific potential, the preparation and publication of research in prestigious scientific journals, international citation and recognition of scientific works, and also increases the competitiveness of graduates at the international level.

#### ***VEK recommendations for OP 8D07365 "Construction":***

1. The management of OP 8D07365 "Construction" shall annually establish and achieve indicative indicators for the recruitment of doctoral students, as well as develop and implement a mechanism for ensuring stable recruitment, including the recruitment of doctoral students on a fee-paying basis. Deadline - annually.

#### ***Conclusions of the VEC:***

According to the "Students" standard, 12 criteria are disclosed, of which: 1 criterion is strong, 11 criteria are satisfactory.



### **6.7 Standard "Teaching staff"**

- ✓ *The university must have an objective and transparent personnel policy in the context of the educational program, including hiring (including invited faculty), professional growth and development of personnel, ensuring the professional competence of the entire staff.*
- ✓ *The university must demonstrate that the quality of the teaching staff complies with the established qualification requirements, the university strategy, and the goals of the educational program.*
- ✓ *The leadership of the EP must demonstrate the changing role of the teacher in connection with the transition to student-centred learning and teaching.*
- ✓ *The university must provide opportunities for career growth and professional development of teaching staff, including young teachers.*
- ✓ *The university must involve in teaching specialists from relevant fields who possess professional competencies that meet the requirements of the educational program.*
- ✓ *The university must demonstrate the existence of a mechanism for motivating the professional and personal development of the teaching staff.*
- ✓ *The university must demonstrate the widespread use of information and communication technologies and software by the teaching staff in the educational process (for example, on-line learning, e-portfolios, MOOCs, etc.).*
- ✓ *The university must demonstrate its focus on developing academic mobility and attracting the best foreign and domestic teachers.*
- ✓ *The university must demonstrate the involvement of each teacher in promoting a culture of quality and academic integrity in the university, and determine the contribution of the teaching staff, including invited faculty, to achieving the goals of the educational program.*
- ✓ *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.*

#### ***Evidential part***

The teaching staff of the university is a key resource for the implementation of the mission of Korkyt Ata KU, therefore the university pays special attention to the selection, development and motivation of personnel. The personnel policy is based on the principles of transparency, professional growth and ensuring high competence of teachers.

In order to ensure transparency in attracting specialists, the university holds open competitions for filling positions with clear selection criteria, attracts industry specialists and international experts, develops mechanisms for motivating invited teachers (competitive pay, housing, participation in grants), and actively introduces digital technologies for distance teaching and interaction with foreign specialists.

For the professional development of the teaching staff, internships are organized at leading universities and specialized enterprises, programs for advanced training and academic mobility are in place, and support is provided for scientific research and publication activity.

To ensure professional competence, methods for assessing teachers' competencies (feedback, performance monitoring) have been introduced, department branches are being created jointly with enterprises, which strengthens practice-oriented training, a mentoring system for young teachers is in operation, and practicing specialists are actively involved in the educational process.

The personnel policy of the department is generally based on the general personnel policy of the university. Institutional procedures in relation to the teaching staff and personnel (hiring, promotion, incentives, reduction, dismissal, rights and responsibilities, job descriptions) are developed on the basis of the laws of the Republic of Kazakhstan "On Education", the Labor Code, the Charter of the University, the Personnel Policy of NAO "Korkyt Ata KU", the Regulation on the personnel reserve of NAO "Korkyt Ata KU", the Regulation on measures to encourage the teaching staff, researchers and employees based on the results of publications of

NAO "Korkyt Ata KU", the Regulation on holding the Competition of scientific research of young scientists within the framework of the grant of the rector of Korkyt Ata KU, the Regulation on the conciliation commission for the resolution of individual labor disputes of NAO "Korkyt Ata KU", the Regulation on the procedure for developing the regulation on the structural unit and job descriptions of employees of NAO "Korkyt Ata KU". "Korkyt Ata", Regulations on the Disciplinary Council of the NAO "Korkyt Ata KU", Rules for the Certification of the Teaching Staff of the NAO "Korkyt Ata KU", Regulations on the Attraction of Foreign Specialists and the Procedure for Reimbursement of Expenses upon Invitation of the NAO "Korkyt Ata KU", etc.

Personnel selection, determination of employees' qualifications, their hiring, transfer and dismissal, as well as preparation of documents for approval in positions are carried out by the Human Resources Department together with the heads of structural divisions and in accordance with the staffing schedule. Currently, the university has two forms of hiring: competitive selection of applicants for the position of professorial and teaching staff with subsequent conclusion of an Employment Contract; conclusion of an Employment Contract upon application for a period of at least one year.

The recruitment and election of the teaching staff to vacant positions is carried out in accordance with the Rules for the competitive replacement of positions of employees of the administrative and managerial personnel of the NAO "Korkyt Ata State University". The job rights and responsibilities, qualification characteristics of the teaching staff are reflected in the Regulation on the procedure for developing the regulation on the structural unit and job descriptions of employees of the NAO "Korkyt Ata State University".

The comprehensive assessment of the professional activities of the teaching staff covers educational, educational and methodological, scientific and educational work and takes into account the results of the questionnaire "Teacher through the eyes of students". Based on the results of the comprehensive assessment, a rating of the teaching staff is compiled. The competence of teachers, assessment of the effectiveness and quality of teaching are systematically assessed by the administration of the university and the department. The assessment of the activities of teachers is carried out in accordance with the Rules for the certification of the teaching staff of NAO "Korkyt Ata KU", approved by the rector.

To conduct classes efficiently, teachers undergo various advanced training courses at universities and manufacturing enterprises in the city and in neighboring and distant countries. The results of the internship are implemented in the educational process and used in research work.

The staffing level of the teaching staff according to the staffing table is 100%. The basic education of the teaching staff of the department corresponds to the provision of high-quality training of specialists. The number of teaching staff corresponds to the contingent of doctoral students, the degree and quality of the involvement of the teaching staff in interaction with doctoral students, the provision of curatorial and advisory assistance (academic consultations, reception on personal and academic issues, educational and curatorial work), management of pedagogical and research practices, scientific internships, and research work of doctoral students. The teaching staff involved in the implementation of the EP includes full-time teachers who are recognized both at the Republican and international levels. Indicators for the qualitative composition of the teaching staff are given in Table 7.1.

Table 7.1 - Indicators for the qualitative composition of PTS OP 8D07365 "Construction"

| Indicators                                | 2024-2025 |
|---|-----------|
| Total PTS, qty:                           | 7         |
| Number of full-time teaching staff, qty/% | 7 / 100%  |
| with academic degrees and titles, qty / % | 7 / 100%  |

The calculation of the teaching load for the academic year is carried out by the department in accordance with the working curriculum of the educational program and the contingent of students. The distribution of the load is carried out taking into account the qualifications of the teachers, and all classes are conducted only by teachers with a degree.

Leading scientists and specialists are involved in the implementation of the EP, including Baitasov K., Montaeva A.S., Karshyga G.O., Abdikerova U.B., Budikova A.M. Guest lectures were given by Besimbaev E.T., Montaeve S.A., Zharylgapov S.M., as well as John Carruthers, Director of the School of Graduate Education at Cornell University (USA).

KU named after Korkyt Ata develops academic mobility and attracts foreign and domestic teachers within the framework of OP 8D07365 "Construction" through the following mechanisms:

1. Development of academic mobility of teaching staff and doctoral students includes:
  - participation in international programs (Bolashak, George Washington University);
  - bilateral agreements with foreign universities (internships, exchange of experience);
  - inclusion in the educational program of modules taught by foreign specialists;
  - internal academic exchange with leading universities of Kazakhstan (Satbayev University, ZKATU named after Zhangir Khan, KarSTU named after A. Saginov, TarSU named after M.Kh. Dulati, etc.);
  - inviting experts from national research institutes.
2. Attracting foreign and domestic teachers: inviting leading foreign specialists (lectures and master classes by professors and experts from the USA, Poland and other countries (John Carruthers and others)), Visiting Professor programs and international scientific projects (joint research with foreign centers, publications in Scopus and Web of Science). Examples: Cornell University (USA) - John Carruthers, Agnieszka Dabska, Gintautas Skripkiunas.
3. International internships and advanced training of teaching staff: internships in foreign universities and research centers (practical training in innovative laboratories and companies). Examples: Montayeva A.S. - Hokkaido University (Sapporo, Japan), Umbetova Sh.M. - Azerbaijan University of Architecture and Construction. Participation of teachers in internships to study advanced technologies in Japan (Montayeva A.S., Shegenbayev A.T.) and Azerbaijan (Umbetova Sh.M., Saktaganova N.A.) is financed. An example is the annual International Scientific and Practical Conference "Energy and Resource-Saving Technologies: Experience and Prospects".
4. Development of digital mobility: online courses and webinars from foreign teachers (lectures via Zoom, Microsoft Teams, Google Meet, technological support for students and teaching staff, the opportunity to participate in and organize online seminars, conferences and courses, registration on international educational platforms (Coursera, etc.)).

The university provides opportunities for career growth and professional development of the teaching staff of the OP. The university assists young scientists in improving their professional level, including through training in doctoral/postgraduate programs at domestic and foreign universities. The university has developed the Regulation on measures to encourage the teaching staff, researchers and employees based on the results of publications of the Korkyt Ata Kyzylorda University NAO, the Regulation on holding the Competition of scientific

research of young scientists within the framework of the grant of the rector of the Korkyt Ata Kyzylorda University, which are aimed at developing scientific research and strengthening the scientific potential of the teaching staff. Along with this, bonuses are awarded to employees based on the results of their work during the academic year, the successful conduct of the admissions campaign, for anniversaries and official state holidays.

Korkyt Ata Kyzylorda University is actively implementing mechanisms to motivate the teaching staff, including teachers of the OP 8D07365 "Construction", through the following measures:

1. Motivation and incentive system: rules for bonuses, additional payments and financial assistance have been developed and implemented, a research support program is in place, which includes assigning the status of "teacher-researcher" and holding a competition for young scientists "Rector's Grant". Examples: Assoc. professor, PhD in engineering Umbetova Sh.M. - university teacher-researcher, 2nd year doctoral student Tursynkozha N. - Rector's Grant recipient.

2. Material incentives for achievements: a bonus system for: publications in Scopus, Web of Science; participation in scientific grants and projects; development of new courses and methods, management of research and projects. Examples: teaching staff Bisenov K.A., Uderbaev S.S., Karshyga G.O., Saktaganova N.A., Budikova A.M. - were awarded for publication activity.

3. Career growth and support for young teachers:

The career and professional development of the faculty are an important criterion for the successful implementation of the EP 8D07365 "Construction". Table 7.2 confirms the high level of qualification of the faculty and their active role in science and the professional community. Examples of career growth of teachers demonstrate the effectiveness of the university's personnel policy and create guidelines for doctoral students, increasing the attractiveness of the program. Membership of the faculty in academies, industry councils and participation in expert activities ensure the integration of the EP into the international educational and professional space, as well as the relevance of the educational process.

Table 7.2 - Examples of career growth and professional development of the cluster teaching staff

| Full name of the teaching staff                                  | Career Development Description   | Professional development   |
|--|--|--|
| Bisenov K.A.<br>Doctor of Technical Sciences, Professor          | growth from a university lecturer to a university rector   | Academician of the International Engineering Academy, Academician of the National Engineering Academy of the Republic of Kazakhstan, Academician of the International Academy of Sciences of the Higher School, Academician of the Russian Academy of Scientists of Architecture and Construction. |
| Karshyga G.O., Ph.D.,<br>associate professor                     | growth from assistant to department head   | Member of the UMO RUMS MNVO RK in the areas of personnel training "Architecture and Construction" and "Art"  |
| Uderbaev S.S., Doctor of Technical Sciences, Associate Professor | growth from a university lecturer to a department head   | Corresponding Member of the National Engineering Academy of the Republic of Kazakhstan,  |
| Zhakapbaeva G.A.,<br>PhD, Acting Associate Professor             | growth from the position of a teacher to the head of the center for information modeling technologies of the university, head of the OP-head of the department | Member of the UMO RUMS MNVO RK in the areas of personnel training "Architecture and Construction" and "Art".   |



|   |   |  |
|---|---|--|
| Saktaganova N.A.,<br>Doctor of Philosophy<br>(PhD), acting associate<br>professor | promotion from a teaching assistant to<br>Director of the Science Department. | Member of the UMO RUMS MNVO RK<br>in the areas of personnel training<br>"Architecture and Construction" and<br>"Art". Member of the scientific technical<br>council under the Akimat of the<br>Kyzylorda region. |
|---|---|--|

4. Educational and scientific internships: paid advanced training courses, internships at leading universities and specialized enterprises in Kazakhstan and abroad, support for the participation of teaching staff in international conferences, seminars and trainings.

5. Practice-oriented approach and industrial partnerships: inclusion of teachers in production projects, conclusion of business contracts with enterprises, involvement of teaching staff in the real sector of the economy, development of industrial partnerships that facilitate the exchange of experience between teachers and industry specialists.

The department conducts funded scientific research:

- Teachers of the OP N.A. Saktaganova and A.T. Shegenbayev are the executors of the scientific project of the PCF KN MNVO RK for 2023-2025 BR21882415 "Development of a technology for the safe disposal of wastewater for irrigation of forage crops and tree plantations under conditions of water shortage in the Kyzylorda region". Within the framework of the project, A.T. Shegenbayev studied the operation of sewage treatment facilities in the Japanese cities of Sapporo and Nagasaki (November 3-12, 2024), and N.A. Saktaganova visited the Azerbaijan University of Architecture and Construction (November 2024) to discuss the research results with foreign colleagues.

- Within the framework of the grant project "Zhas Galym" A.S. Montaeva from October 5 to 16, 2024 underwent a scientific internship at universities in Japan (Hokkaido, Sapporo; Tokyo) to conduct research work according to the project schedule.

The results of the conducted research are reflected in scientific articles published in journals indexed in the Scopus and Web of Science databases, as well as in conference proceedings, monographs and methodological recommendations, and rights to copyright inventions have been obtained. For example, during the reporting period, teachers of the OP 8D07365 "Construction" published more than 50 articles in journals cited in the Scopus and WoS databases, and received patents:

1. Patent No. 4751 - Road surface / Uderbaev S.S., Erimbetov K.A., 05.03.2020.
2. Patent No. 4795 - Asphalt concrete mixture / Uderbaev S.S., Erimbetov K.A., 03.20.2020.
3. Patent No. 4801 - Arbolite mixture for covering floors of livestock buildings / Uderbaev S.S., Alibekov N.B., 03.20.2020.
4. Patent No. 4890 - Raw material mixture for producing arbolite / Uderbaev S.S., Alibekov N.B., 04/30/2020.
5. Patent No. 4942 - Raw mix for the production of aerated concrete / Uderbaev S.S., Shegenbaeva R.K., 05/15/2020.
6. Patent No. 5004 - Arbolit aralaspasyn dayyndau tasili / Uderbaev S.S., Bisenov K.A., Sarsenbaeva A.M., 06/05/2020.
7. Patent No. 5013 - Method for manufacturing aerated concrete / Uderbaev S.S., Bisenov K.A., Saktaganova N.A., 05.06.2020.
8. Patent No. 5447 - Raw mix for the production of non-autoclaved aerated concrete / Uderbaev S.S., Shegenbaeva R.K., Kamalova A.B., 10/16/2020.

9. Patent No. 6148 - Composition of wood concrete mixture / Bisenov K.A., Uderbaev S.S., Saktaganova N.A., Zhanatuly S., Sarsenbaeva A.M., 06/18/2021.

10. Patent No. 6149 - Method for manufacturing arbolite products / Bisenov K.A., Uderbaev S.S., Zhanatuly S., Arystanbek A.B., 06/18/2021.

11. Patent No. 36538 - Screen for protecting buildings and structures from seismic tremors / Besimbaev E.T., Irgibaev T.I., Zhambakina Z.M., Nashiraliev Zh.T., Kuatbaeva T.K., Kusbekova M.B., Maselbekov D.M., Dyusembaev I.N., Tengebaev N.E., Uderbaev S.S., Kadyrov Zh.N., 05.01.2024.

12. Patent No. 36592 - Raw material mixture for producing artificial porous aggregate / Uderbaev S.S., Khamit A.N., Saktaganova N.A., Zhapakhova A.U., Embergenov M.A., 02/09/2024.

13. Patent No. 36595 - Composition of the raw material mixture for the production of ceramic products / Uderbaev S.S., Dilmanova A.T., Besimbaev E.T., Saktaganova N.A., 09.02.2024.

14. Patent No. 8859 - Method for increasing the strength of concrete / Appazov N.O., Zhumabekov N.B., Uderbaev S.S., Narmanova R.A., Zhapparbergenov R.U., Turmanov R.A., Akylbekov N.I., Akhataev N.A., Lyubchik S., Lyubchik A., Maksutova G.M., Niyazova D.Zh., Espanova I.D., Moldanazar A.A., Toybazarova A.B., 02/16/2024.

15. Patent No. 36668 - Method for manufacturing artificial porous filler / Khamit A.N., Uderbaev S.S., Saktaganova N.A., Zhapakhova A.U., Budikova A.M., 04/29/2024.

To motivate the activities of teachers, the university uses various forms: solving social issues, providing dormitories, service apartments, improving working conditions, assistance in publishing scientific articles, etc. The university has a system of social support, including sports infrastructure and service housing.

KU named after Korkyt Ata implements systemic measures to involve teachers in the development of a culture of quality education and academic integrity, ensuring their active participation in achieving the goals of the EP. Main areas:

1. Academic integrity - transparency of assessment, anti-plagiarism systems, digital proctoring, formation of a culture of originality of research.

2. Quality of training of specialists - development of application programs, integration of BIM technologies (Autodesk Revit, ArchiCAD), cooperation with construction companies, development of soft skills.

3. Professional growth of the teaching staff - advanced training, research activities, internships at enterprises, implementation of digital technologies (VR/AR, cloud services).

4. Feedback and monitoring – anonymous surveys of doctoral students, analysis of curricula, interaction with employers through seminars and round tables.

5. Incentives for teachers - rector's grants for innovative methods, inclusion of engagement indicators in the certification system.

6. Regulation - ensuring compliance with the principles of academic integrity and quality standards through regulatory documents (Ethics Council, Research Ethics Committee, Academic Quality Council).

The teachers of Korkyt Ata KU actively participate in the development of science, education and public life, which is confirmed by the state awards, honorary titles and certificates awarded to them. In the period 2020-2024, the teaching staff was recognized for their contribution to scientific activity, education and development of engineering in

Kazakhstan. Key achievements of the teaching staff implementing OP 8D07365 "Construction":

- State awards and distinctions: Bisenov K.A. - Honored Worker of Kazakhstan, winner of the medal "Eren enbegi ushin" and the order "Kurmet", Uderbaev S.S. - breast badge "For contribution to the development of engineering in the Republic of Kazakhstan", the award "Y. Altynsarin", Saktaganova N.A. - breast badge "For contribution to science of the Republic of Kazakhstan", Zhakapbaeva G.A. - breast badge "Honored worker of education of the Republic of Kazakhstan".

- Certificates of honor and gratitude: Zhakapbaeva G.A., Uderbaev S.S., Saktaganova N.A. - Certificates of honor of the Minister of Science and Higher Education of the Republic of Kazakhstan, Karshyga G.O., Budikov A.M., Abdikerov U.B., Montaev A.S. - letters of gratitude and certificates of honor of the rector of the Korkyt Ata State University.

### ***Analytical part***

The personnel policy of Korkyt Ata Kyzylorda University is based on the principles of transparency, professional growth and ensuring high competence of the teaching staff. The university holds open competitions for positions with clear selection criteria, which guarantees the objectivity of hiring. Industry specialists and international experts are attracted, motivation mechanisms are developed (competitive pay, housing, participation in grants). The teaching staff implementing the OP 8D07365 "Construction" fully complies with the qualification requirements established by the university strategy and the goals of the program: 100% of teachers have academic degrees (PhD, candidates and doctors of technical sciences), the staffing table is 100% complete, all classes are taught by teachers with degrees who have professional recognition at the national and international levels. The teaching staff includes leading scientists and practitioners, members of the National Engineering Academy of the Republic of Kazakhstan, the International Academy of Sciences of the Higher School, and experts from the UMO RUMS MNVO RK.

The University actively implements interactive educational methods that correspond to the principles of student-centered learning: a practice-oriented approach: the department cooperates with enterprises in the construction industry, creates department branches on the basis of enterprises; flexibility in training: development of individual educational trajectories, integration of BIM technologies (Autodesk Revit, ArchiCAD); feedback: monitoring of the quality of teaching, student surveys ("The teacher through the eyes of students").

The University implements academic mobility, advanced training and internship programs, which ensures the growth of the professional level of the teaching staff: internships at leading universities (Cornell University (USA), Hokkaido University (Japan), Azerbaijan University of Architecture and Construction), development of young scientists: grant programs (Zhas Galym, Rector's Grant), participation in scientific projects; programs to support publication activity (incentives for publications in Scopus and Web of Science). The University develops academic mobility through the Bolashak program (participation of teaching staff in internships, training in foreign universities), bilateral agreements with foreign universities (internships, exchange of experience), the Visiting Professor program (inviting professors from the USA, Poland, Japan).

To ensure the practical focus of training, the university attracts leading specialists in the construction industry, including: guest lectures (John Carruthers - Director of the School of Graduate Studies at Cornell University), interaction with enterprises: teachers are involved in

the implementation of business contract projects, consulting companies. Teachers actively use modern digital technologies in the educational process: online learning (Zoom, Microsoft Teams, Google Meet), electronic educational platforms (Coursera, MOOCs), digital laboratories and simulators (VR / AR technologies, cloud services).

Korkyt Ata KU has a well-developed system of motivation for teachers: financial incentives (bonuses for publications, participation in grants, innovative methods), social support (provision of housing, service apartments, financial assistance), career growth (assignment of the status of "teacher-researcher", career advancement). The university teachers are actively involved in the implementation of scientific and social projects aimed at the development of the region and the country: implementation of scientific grant projects (development of water purification technologies, environmentally friendly building materials), membership of the teaching staff in national and international scientific communities, patent activity (more than 15 patents for inventions in the field of construction have been registered).

The University has introduced mechanisms to ensure academic integrity: transparent assessment (anti-plagiarism systems, digital proctoring), the Academic Quality Council (development of teaching quality standards), and incentives for teachers to implement innovative methods.

*The results of the survey of the teaching staff, conducted during the visit of the IAAR VEC, showed that:*

- *To what extent can teachers use their own teaching strategies - very good (77.3%, 17 people) and good (18.2%, 4 people).*
- *To what extent can teachers use their own teaching methods - very good (81.8%, 18 people) and good (18.2%, 4 people).*
- *To what extent can teachers use educational innovations - very good (81.8%, 18 people) and good (18.2%, 4 people).*
- *How is innovative activity of the teaching staff encouraged? Very good (63.6%, 14 people) and good (31.8%, 7 people).*
- *What is the level of stimulation and involvement of young specialists in the educational process - very good (63.6%, 14 people) and good (36.4%, 8 people).*
- *Rate the opportunities created for professional and personal growth for each teacher and employee - very good (72.7%, 16 people) and good (22.7%, 5 people).*
- *Rate the adequacy of recognition of the potential and abilities of teachers - very good (77.3%, 17 people) and good (18.2%, 4 people).*

***Strengths/best practices for OP 8D07365 "Construction":***

1. The University creates conditions for career growth and professional development of teachers, which is confirmed by their and doctoral graduates' successful occupation of leadership positions in universities in Kazakhstan, indicating the formation of management competencies and contribution to the development of science and education.

***VEK recommendations for OP 8D07365 "Construction":***

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***Conclusions of the VEC:***

*According to the standard "Teaching staff and teaching effectiveness", 10 criteria are disclosed, of which: 1 criterion is strong, 9 criteria have a satisfactory position.*



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

- ✓ *The university must ensure that educational resources, including material and technical resources, and infrastructure comply with the goals of the educational program.*
- ✓ *The management of the OP must demonstrate the availability of classrooms, laboratories and other facilities equipped with modern equipment and ensuring the achievement of the OP's goals.*
- ✓ *The university must demonstrate that information resources meet the needs of the university and the educational programs being implemented, including in the following areas:*
  - *technological support for students and teaching staff in accordance with educational programs (e.g. online learning, modeling, databases, data analysis programs).*
  - *library resources, including a collection of educational, methodological and scientific literature on general educational, basic and specialized disciplines on paper and electronic media, periodicals, access to scientific databases.*
  - *examination of research results, graduation theses, dissertations for plagiarism.*
  - *access to educational Internet resources.*
  - *functioning of WI-FI on its territory.*
- ✓ *The university must demonstrate that it creates conditions for conducting scientific research, integrating science and education, and publishing the results of scientific research work by faculty, staff, and students.*
- ✓ *The university should strive to ensure that the educational equipment and software used for mastering educational programs are similar to those used in the relevant sectors of the economy.*
- ✓ *The leadership of the EP should demonstrate that there are procedures in place to support different groups of students, including information and consultation.*
- ✓ *The management of the educational institution must demonstrate the existence of conditions for the student's advancement along an individual educational trajectory.*
- ✓ *The university must take into account the needs of different groups of students (adults, working students, international students, as well as students with special educational needs).*
- ✓ *The university must ensure that its infrastructure meets safety requirements.*

#### ***Evidential part***

OP 8D07365 "Construction" includes practical and research training. The classrooms are equipped with interactive boards, multimedia equipment, a local computer network with Internet access, all premises comply with sanitary and fire safety requirements, access to a virtual laboratory allows for research and modeling of construction processes.

For the implementation of OP 8D07365 "Construction" specialized classrooms are provided: classrooms No. 413, 109 - equipped with interactive LED panels, classrooms No. 408, 414, 123 - equipped with interactive boards with ViewSonic multimedia projectors. For practical classes and scientific research, educational and specialized laboratories equipped with modern devices and equipment are used:

- laboratory of engineering systems and networks: used to study the disciplines "Engineering systems and networks of buildings", "Sanitary equipment", "Ventilation", "Heating";
- modern laboratory stands: "Installation of plumbing equipment", "Ventilation systems", "Measuring pressure, flow and temperature in water and gas supply systems";
- testing equipment for research of building materials, structures and road assets;
- laboratory of composite materials and coatings: research of modern construction technologies and new materials.

Doctoral students undertake practical training and conduct research in leading construction organizations in the region, including the Branch of the National Center for the Quality of Road Assets, which provides ample opportunities for applied research.

The key factor in ensuring the quality of education is the continuous improvement of material and technical and information resources. The need for resources is determined by the goal of OP 8D07365 "Construction", which is reflected in the annual monitoring of



infrastructure and the submission of applications for the purchase of new equipment. In order to strengthen the material and technical base of OP 8D07365 "Construction", the following have been acquired in recent years:

- in 2022: sets of laboratory equipment: "Ventilation systems", "Sanitary equipment for buildings", "Measuring pressures, flows and temperatures of water and gas supply systems" (25.46 million tenge), interactive panel (1.55 million tenge);
- in 2023: 3D printer BMT156M (3.53 million tenge), virtual educational complexes: "Laboratory work on strength of materials" (1.97 million tenge), "Soil mechanics" (1.09 million tenge), "Production of finishing works" (1.89 million tenge).
- in 2024: equipment worth 2.49 million tenge.

The educational process is supplemented by specialized modeling programs, including AutoCAD, Revit, ABC-4.

Within the framework of OP 8D07365 "Construction", technological support is provided to students and teaching staff: the opportunity to participate in online seminars, conferences and courses, access to international educational platforms (Coursera, etc.), and provision of Wi-Fi throughout the university.

Each university building and dormitories have libraries and reading rooms, creating comfortable conditions for students. The library includes 4 subscription departments and 4 electronic rooms with 70 computers connected to the Internet. Available resources in the library:

- electronic catalogue (186,612 units, of which 8,287 are in digital format);
- periodicals and electronic databases (Scopus, Elsevier, Springer);
- access to external library resources: Republican Interuniversity Electronic Library (RIEL), electronic library "ALEMBOOK", national electronic library of Kazakhstan.

To check research, graduation works and dissertations, the licensed program "Antiplagiat" is used.

The university creates effective conditions for conducting scientific research, integrating science and education, publishing the results of scientific research work of the teaching staff, employees and students., which is confirmed by the following facts:

- The university management is actively developing scientific activities, ensuring the modernization of laboratories and improving the training of students. These measures are confirmed by the growth of positions in world and national rankings, as well as the participation of teachers and doctoral students in grant competitions, which contributes to the financing of scientific research.

- The integration of science and education at the university is expressed in the high level of doctoral educational programs, which occupy leading positions in the rankings. Foreign internships of the faculty contribute to academic exchange and the introduction of advanced methods, and the Zhas Galym grant stimulates the involvement of young scientists in research activities.

- Recognition of the university's scientific achievements is confirmed by the active publication activities of the faculty in leading cited journals. High Hirsch index values demonstrate the significance of the research conducted, and grant support from the rector allows doctoral students to freely publish the results of their work in prestigious scientific journals.

- Additionally, the university creates conditions for career growth and professional development of teachers, which is confirmed by their occupation of leadership positions, such as heads of departments, heads of departments, centers, as well as former and current rectors. Doctoral graduates continue their academic careers, occupying key positions in universities of Kazakhstan, including the positions of vice-rectors and heads of departments, which indicates the high quality of training of future scientific and managerial personnel.

As part of academic support, students are provided with: consultations with advisors and teachers, methodological materials and access to Platonus, the opportunity for academic mobility and choice of modules of the educational program, psychological support through the Center for Psychological Assistance.

For students experiencing difficulties with academic performance, the following is provided: a summer semester for retaking subjects, additional classes and consultations.

The University takes into account the needs of various groups of students: adult and working students - flexible study schedules, foreign students - support and adaptation programs, students with special educational needs - ramps, adapted bathrooms, digital accessibility of the site.

Korkyt Ata University actively supports students from socially vulnerable categories, providing equal conditions for study and accommodation. The main areas of social support: financial and social assistance to students from low-income, large families, orphans and students with disabilities, creation of an accessible educational environment for people with special needs, priority provision of places in a dormitory, social, psychological and medical support, volunteer assistance. System of discounts on education:

- 100% discount - for orphans, children without parental care, graduates of the Atameken Children's Village, winners of the UNT Olympiads and the Intellectual Nation television competition;

- 50% discount: for students left without parental care (under guardianship), disabled students of groups I and II, holders of the Altyn Belgi and a certificate with honors (with excellent academic performance), winners of the Intellectual Nation and Asian/World Champions in sports (for the 1st year).

- 25% discount: for representatives of the foreign Kazakh diaspora, students with 100+ points on the UNT (1st year), champions of international sports competitions (1st place), children of employees (with work experience of 3 years or more), students from large families, winners of republican Olympiads, scientific and creative competitions (1st place, 1st year), active participants in public life (from the 2nd year).

- 20-10% discount: for winners of international (2-3 places) and national (1-3 places) sports competitions (for 1 year).

The development of the digital infrastructure at the university is ensured by: transferring the server system to Windows Server and Linux Ubuntu, ensuring the speed of the Internet connection via a local network - 600 Mbps, via Wi-Fi - 800 Mbps, creating a virtual VMware server to enhance data protection.

Communication and coverage of events at the university is provided through: the official website of the university, the university's YouTube channel, social networks, and the media.

To comply with sanitary standards and fire safety, educational buildings and dormitories are equipped with: fire and security alarm systems, video surveillance systems, turnstiles and access control systems, and safety briefings.

Support for student life and social integration at the university is provided by: dormitories

(with Wi-Fi, lounges, reading rooms), the Seyhun sports and fitness complex (a hall for team sports, a swimming pool, a gym), a 460-seat student palace, a medical center and a psychological support center, etc. The university provides students with ample opportunities for self-realization and comprehensive development through participation in the university's youth organizations. The activities of the associations cover various areas: cultural, sports, intellectual, social and volunteer:

*Cultural and creative development:*

- "Asyl dombra" - popularization of national music and playing the dombra.
- "Sirly Kalam" - support for young poets and publication of their works.
- Student theatre "Zhaukazyn" - development of stage skills and creative abilities.
- "Kyz Zhibek" - educating girls in the spirit of national traditions and a healthy lifestyle.
- Dance group "Shanyrak" - study of national and modern dances.
- KVN Club "Zhaidarman" - development of humorous talent and creative thinking.

*Sports and patriotic education:*

- "Arlan" is a sports organization that promotes a healthy lifestyle.
- Military-patriotic club "Kyran" - preparation of students for military service and development of physical fitness.

*Intellectual and educational direction:*

- "Intellectual Qorqyt" - participation in intellectual games and broadening horizons.
- "TalkLike" - development of the culture of reading and critical thinking.
- "ENACTUS" - training in entrepreneurship and business project development.
- "Pravda" is a discussion club that develops public speaking skills and analytical thinking.
- IT-club "InfoGo" - study of modern digital technologies and programming.

*Community and volunteer activities:*

- "Sanaly urpak - zharkyn bolashak" - anti-corruption education and the formation of legal consciousness.
- Alliance of Students of Kazakhstan - protection of students' interests and development of civic activity.
- "Zhastar Ruhy" - promoting social and political activity of youth.
- "Korkyt is calling" - career guidance work among schoolchildren.
- Volunteer organization "Ainalaiyn" - assistance to those in need and development of volunteerism.
- Pedagogical organization "Ibrai" - training future teachers and improving their professional skills.

Students can choose any direction that suits their interests, which contributes to their personal and professional growth.

***Analytical part***

Based on the results of meetings of the EEC members with the management, students, graduates and employers, it was established that the university has organized systematic work on career guidance and support for students. Students are represented in the collegial governing bodies of the university, feedback and information mechanisms are in place, and cultural and social life is organized.

The management of OP 8D07365 "Construction" together with the university regularly provides the necessary material base and infrastructure for scientific research, organization of internships, integration of science into the educational process and publication of scientific works of students.

Support for students with disabilities is regulated by the university's QMS regulations.

The educational program 8D07365 "Construction" is a balanced combination of theoretical, practical and research training. The educational process is integrated with scientific activities, which are carried out both within the university and at the Branch of the National Center for the Quality of Road Assets and other leading construction organizations in the region. The modern material and technical base includes multimedia classrooms, specialized laboratories, virtual training complexes and software packages (AutoCAD, Revit, ABC-4), which allows for modeling, analysis and experimental research.

Doctoral students have access to the world's leading scientific resources (Scopus, Elsevier, Springer, RMEB), and their dissertations are checked in the Antiplagiat system.

The University is creating a sustainable system of support for science and education, including research funding, personnel growth, international cooperation and publication activity. The program already includes internships in leading construction organizations in the region, but to strengthen scientific potential and integrate advanced technologies, it is advisable to expand cooperation with international partners. This will allow doctoral students to apply modern construction methods, work with innovative materials and participate in global research, which will increase their competitiveness in the labor market and improve the program's ranking positions.

An important part of the educational process is academic and social support for students: flexible study schedules, adaptation programs for foreign students, an inclusive educational environment. The University implements a wide range of social benefits and a system of discounts on tuition, supporting students from socially vulnerable categories.

The University creates comfortable conditions for living and studying, including sports, medical, cultural and psychological support services, dormitories with modern amenities, library complexes and IT infrastructure.

For the comprehensive development of students, youth organizations of various directions operate: cultural, sports, intellectual, volunteer, public and patriotic associations, which contribute to the disclosure of talents, the development of leadership qualities and the strengthening of professional skills.

*A survey of students conducted during the visit of the NAAR VEC showed complete satisfaction:*

- The level of availability of the dean's office is 75% (45 people).
- The level of accessibility and responsiveness of the university management is 88.3% (53 people).
- Availability of health services - 66.7% (40 people).
- The quality of services provided in libraries and reading rooms is 88.3% (53 people).

- *Satisfaction with the existing educational resources of the university is 81.7% (49 people).*
- *Availability of computer classes - 75% (45 people).*
- *Student lounges (if any) - 68.3% (41 persons).*

***Strengths / best practices for OP 8D07365 "Construction":***

1. The University actively develops scientific research, integrating science and education, modernizing the material and technical base, supporting the publication activity of the faculty and doctoral students, providing international internships and grant funding, which is confirmed by the high ratings of educational programs, the importance of scientific publications and the successful careers of graduates.

***VEK recommendations for OP 8D07365 "Construction":***

1. The management of the EP shall provide practical training for doctoral students through partnerships with international construction companies, research centers and/or educational institutions through scientific internships, participation in international educational and scientific programs, etc. Duration - annually.

***Conclusions of the VEC:***

*According to the standard "Educational resources and student support systems", 13 criteria are disclosed, of which: 1 criterion is strong, 12 criteria have a satisfactory position.*



### **6.9 Standard "Informing the Public"**

- ✓ *The information published by the university must be accurate, objective, relevant and reflect all areas of the university's activities within the framework of the educational program.*
- ✓ *Public awareness should include support and clarification of the country's national development programs and the system of higher and postgraduate education.*
- ✓ *The university management should use a variety of methods of disseminating information (including the media, web resources, information networks, etc.) to inform the general public and interested parties.*
- ✓ *Information published by the university about the educational program must be objective and up-to-date and include:*
  - *the purpose and planned results of the educational program, the qualification awarded.*
  - *information and the system for assessing the academic achievements of students.*
  - *information about academic mobility programs and other forms of cooperation with partner universities and employers.*
  - *information on opportunities for developing students' personal and professional competencies and employment.*
  - *data reflecting the positioning of the educational institution in the educational services market (at the regional, national, and international levels).*
- ✓ *An important factor is the publication of reliable information about the teaching staff, broken down by individuals, on open resources.*
- ✓ *The university must publish audited financial statements for the educational program on its own website.*
- ✓ *The university must post information and links to external resources based on the results of external assessment procedures.*
- ✓ *An important factor is the placement of information on cooperation and interaction with partners, including scientific/consulting organizations, business partners, social partners and educational organizations.*

#### ***Evidential part***

The University adheres to the principles of openness and accessibility, providing the public with up-to-date information on the implementation of educational programs. The Department of Architecture and Construction Production openly posts complete and reliable information about its activities, educational programs, terms and forms of training, advantages of the EP, as well as contact information and useful information for applicants, students, parents and employers.

Quality standards and regulatory documents define the quality control system, the compliance of the educational program with the requirements of the labor market and support for the principles of transparency in the university: Standards of internal quality assurance of the Korkyt Ata Kyzylorda University, Regulation on the assessment of the quality of the implementation of educational programs, Academic policy.

The key reliable source of information is the official website of the university ([www.korkyt.edu.kz](http://www.korkyt.edu.kz)), where information is posted based on approved regulatory documents: State Educational Standards of the Republic of Kazakhstan (GOSO), curricula and catalogs of elective disciplines, official orders and documents regulating the educational process. Web page of OP 8D07365 "Construction" (<https://korkyt.edu.kz/ru/staticpages/99>) contains the goals and objectives of the program, a list of disciplines, employment prospects for graduates, etc.

The University regularly updates information in accordance with changes in legislation, the labor market, and the academic environment. The University website constantly updates: admission rules, curricula, news and events of the University, information on scientific research and international cooperation.

The published information covers all key areas of the educational process: curricula and a list of disciplines confirming compliance with the State Educational Standard, opportunities for academic mobility and international cooperation, information about the teaching staff and their qualifications, research activities of doctoral students, and career prospects for graduates.

Informing the public about national programs for the development of education is an important task of the university. The official website of Korkyt Ata Kyzylorda University publishes materials confirming support for state educational policy: the University Development Strategy in accordance with national programs for education and science, information on grants, scholarships, student support measures, information on international partnerships and scientific projects.

The University uses a variety of channels to disseminate information:

- The official website of the university: contains up-to-date information on educational programs, admission rules, scientific research, a news section, announcements of events, information on conferences and competitions, an electronic reception for consultations of applicants, students and parents.

- Official pages on social networks: social networks provide prompt interaction with students, teachers and a wide audience: Instagram (news about events, meetings with employers, notifications about competitions, grants, mobility programs, coverage of student life, publication of photos and videos), Facebook (official news, articles and press releases, publications about scientific conferences, internships and cooperation with employers), etc.

- Publications in the media: the university actively cooperates with city and regional publications: Syr boyi, Kyzylorda news, Akmesht zhastary, Akmesht nedelya, Tolky, Kazaly, Karmakshy tany, etc. The press covers: achievements of students and teachers, scientific research, conferences and other significant events.

- Information networks and online platforms: posting information on the portals of the Ministry of Science and Higher Education of the Republic of Kazakhstan, using internal information systems to interact with students, participating in webinars, online conferences, round tables.

The information published complies with the principles of accuracy and objectivity. All data is regularly checked and updated.

Table 9.1 - Links to news, information about events within the framework of the OP

| N o. | link  |
|------|---|
| 1    | <a href="https://www.facebook.com/QorqytAta/posts/pfbid032D6in1n6R9dSVr1LQZsLqKsjYTsSsfq4yzh3afhyzgZm983PSfcgLxi2PXVE9t5Ql">https://www.facebook.com/QorqytAta/posts/pfbid032D6in1n6R9dSVr1LQZsLqKsjYTsSsfq4yzh3afhyzgZm983PSfcgLxi2PXVE9t5Ql</a> |
| 2    | <a href="https://www.facebook.com/QorqytAta/posts/pfbid0Eseyuv7BoRGbyMJBmv6jZXbmviNm4sTVmSAVZ9RAYvmn8HL6MRs84hMmF6GLL188l">https://www.facebook.com/QorqytAta/posts/pfbid0Eseyuv7BoRGbyMJBmv6jZXbmviNm4sTVmSAVZ9RAYvmn8HL6MRs84hMmF6GLL188l</a>   |
| 3    | <a href="https://www.facebook.com/QorqytAta/posts/pfbid0cy822eYSLjTberrVTks5DYCnQ2dmZ2vuWGqvkV6GiTfWWCU7xEwD4Q9kuAF5AHbVl">https://www.facebook.com/QorqytAta/posts/pfbid0cy822eYSLjTberrVTks5DYCnQ2dmZ2vuWGqvkV6GiTfWWCU7xEwD4Q9kuAF5AHbVl</a>   |

The publication of information about PTS OP 8D07365 "Construction" in open resources is reliable and open, which is confirmed by the following arguments:

1. Official source of information (<https://korkyt.edu.kz/departments/13/>):

- This web resource is located on the official website of the Korkyt Ata Kyzylorda University, which is the official source of information about the structure, employees and educational programs of the university.

- The information is presented in an official format, indicating the full names of the teachers, their academic degrees, titles, positions and scientific interests.

#### 2. Availability and transparency of information:

- The data is publicly available, which confirms the university's transparency regarding its staff and educational process.

- Information about the teaching staff is regularly updated, which allows users to receive up-to-date information about teachers, their qualifications and research activities.

#### 3. Compliance with the requirements of accreditation and educational standards:

- Publication of the composition of the teaching staff on the official website is a mandatory requirement for specialized and institutional accreditation of higher educational institutions of the Republic of Kazakhstan.

- The university complies with the requirements of the Ministry of Science and Higher Education of the Republic of Kazakhstan, providing open access to information on the staff.

#### 4. Possibility of information verification:

- The full names of the teachers and their academic degrees match the data of scientific publications, profiles on educational platforms (Scopus, ORCID, Google Scholar), which confirms the reliability of the information (<https://korkyt.edu.kz/ru/page/60>).

- If necessary, users can contact teachers through the contact information provided on the website.

Financial statements are published on the website annually (<https://korkyt.edu.kz/ru/page/133>).

KU named after Korkyt Ata openly posts information about cooperation with partners on the official website, in social networks and in the media. This is confirmed by: publications on the official website - in the sections of educational programs, departments and institutes, social networks - regular posts about interaction with partners, media and newspapers - publications about signed memorandums, student internships, conferences and joint projects, etc. <https://surl.li/zdmvrn>, <https://surl.li/exrqeh>.

### ***Analytical part***

Korkyt Ata Kyzylorda University adheres to the principles of openness and accessibility, providing the public with up-to-date information on the implementation of the EP. The Department of Architecture and Construction Production posts complete and reliable information about its activities, including educational programs, terms and forms of training, contact information and useful materials for applicants, students, parents and employers.

The main source of information is the official website of the university, where information is posted that corresponds to state educational standards (GOSO), curricula, and regulatory documents. The web page of OP 8D07365 "Construction" contains information about the program's goals, disciplines, and graduate prospects.

The University as a whole regularly updates data taking into account changes in legislation and labor market requirements. Information resources cover all key aspects of the educational process:

- Curricula and a list of disciplines corresponding to the State Educational Standard.
- Opportunities for academic mobility and international cooperation.

- Information about the teaching staff, research activities and career prospects of graduates.

Various communication channels are used to inform the public:

- Official website with current news, curricula, admission rules.
- Social networks for publishing news, event announcements and covering student life.
- Mass media (Syr Boyi, Kyzylorda News, etc.) to cover the achievements of students and teachers.

- Information platforms of the Ministry of Science and Higher Education of the Republic of Kazakhstan.

The published information meets the criteria of accuracy, objectivity and relevance. All information is checked and updated, which guarantees its reliability and compliance with the requirements of educational standards.

At the same time, the VEC experts note that the university's website does not have enough publications about the EP 8D07365 "Construction", which would reflect information about the system of assessing the academic achievements of students of the EP, information about academic mobility programs and other forms of cooperation with partner universities, employers of the EP, information about the opportunities for developing personal and professional competencies of students and employment, data reflecting the positioning of the EP in the educational services market (at the regional, national, international levels), expected learning outcomes of the EPs being implemented; qualification and (or) qualifications that will be awarded upon completion of the educational program; approaches to teaching, learning, etc.

The OP's guidelines provide for a variety of ways to disseminate information, including through the media, information networks to inform the general public and interested parties. At the same time, *the management of OP 8D07365 "Construction" must continue to carry out targeted actions to ensure stable filling of up-to-date information within the framework of the specifics of the EP, the implementation of the EP, the material and technical base on the university website and other information sources, in order to ensure the attractiveness of the EP and the organization of a stable recruitment of students.*

*Based on the results of the survey of students:*

- 49 people (81.7%) are completely satisfied with the content and information content of the website of the educational organization and faculties (school), 9 people (15%) are partially satisfied, 2 people (3.3%) are partially dissatisfied.

- 49 people (81.7%) were fully satisfied with the information support and explanation of the admission rules and strategy of the educational program (specialty) before entering the university, 11 people (18.3%) were partially satisfied.

- Informing the requirements for successful completion of the educational program (specialty) fully satisfied - 48 people (80%), partially satisfied - 12 people (20%).

*Thus, the majority of students positively assess the level of awareness of the learning process and the requirements for completing the educational program, but there is a small proportion of partially satisfied students, which indicates the need for further improvement of the information system and accessibility of educational resources.*

*According to the results of the survey of the teaching staff, to the question "How often do you encounter the following problems in your work: untimely receipt of information about events":*

- Sometimes - 6 people (27.3%).

- Never - 16 people (72.7%).



*Thus, the majority of teachers do not experience difficulties in obtaining information about events, however, 27.3% of the teaching staff noted that they encounter this problem sometimes, which may indicate the need to improve the information system within the university.*

***Strengths/Best Practices:***

not observed.

***VEK recommendations for OP 8D07365 "Construction":***

1. The university management shall define clear requirements for the publication of reliable, objective, complete and up-to-date information on the university website within the framework of structural divisions, departments, university management, teaching staff implementing the educational programs, and the educational programs themselves, and begin to implement them. Deadline - by the beginning of the admissions campaign for the 2025-2025 academic year.

2. The management of the OP 8D07365 "Construction", the institute and the university are recommended to ensure regular and timely updating of information on the university website about changes in the OP 8D07365 "Construction", potential scientific projects, the most significant publications with the participation of students and faculty, as well as "success stories" of the faculty and students, future graduates of the OP. Duration - on an ongoing basis.

***Conclusions of the VEC:***

*According to the "Public Information" standard, 12 criteria are disclosed, of which: 12 criteria have a satisfactory position.*



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

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

#### ***Strengths/best practices for OP 8D07365 "Construction":***

1. Developed quality assurance culture at the university and within the framework of the EP 8D07365 "Construction". This is confirmed by the growth of ratings, international cooperation, active research activities of the teaching staff, participation of teachers in grants, internships and patent activities, as well as systematic improvement of the qualifications of the teaching staff. The high level of implementation of the EP is confirmed by the 2nd place in the rating of the NCE "Atameken" (2023), which indicates its demand and competitiveness.

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

not observed.

### **Standard "Development and approval of educational programs"**

not observed

### **Standard "Continuous monitoring and periodic evaluation of educational programs"**

not observed

### **Standard "Student-centered learning, teaching and assessment of academic performance"**

not observed

### **Standard "Students"**

#### ***Strengths/best practices for OP 8D07365 "Construction":***

1. Effective support for gifted doctoral students through the rector's grant, which contributes to the development of their scientific potential, the preparation and publication of research in prestigious scientific journals, international citation and recognition of scientific works, and also increases the competitiveness of graduates at the international level.

### **Standard "Teaching staff"**

#### ***Strengths/best practices for OP 8D07365 "Construction":***

1. The University creates conditions for career growth and professional development of teachers, which is confirmed by their and doctoral graduates' successful occupation of leadership positions in universities in Kazakhstan, indicating the formation of management competencies and contribution to the development of science and education.

### **Standard "Educational Resources and Student Support Systems"**

#### ***Strengths / best practices for OP 8D07365 "Construction":***

1. The University actively develops scientific research, integrating science and education, modernizing the material and technical base, supporting the publication activity of the faculty and doctoral students, providing international internships and grant funding, which is confirmed by the high ratings of educational programs, the importance of scientific publications and the successful careers of graduates.

*Standard "Informing the Public"*  
not observed.



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

### **According to the standard “Educational Program Management”: VEK recommendations for OP 8D07365 “Construction”:**

1. The management of OP 8D07365 "Construction" shall annually analyze and adjust the development plan with the involvement of specialized experts and the adoption of specific decisions based on the results of the analysis. Deadline - annually.

2. For individual positioning of the program in the educational services market, as well as for consistency with national priorities in the construction and construction technology industry, the management of OP 8D07365 "Construction" must include in the development plan activities that emphasize the competitive advantages of the program among universities of the Republic of Kazakhstan and international partners. Deadline - until the beginning of the 2025-2026 academic year.

3. The university management and the management of all educational programs should implement a risk monitoring system within the educational programs, including regular audit, adjustment of development plans and training of the faculty in the basics of risk management. All decisions taken should be recorded in the relevant documentation. Deadline - annually.

### **According to the Information Management and Reporting standard:**

-

### **According to the Standard “Development and approval of the educational program”: VEK recommendations for OP 8D07365 “Construction”:**

1. The university management is recommended to revise the VND "Competency Model of a Graduate" taking into account the specifics of the levels of training, adaptation to the requirements of the labor market, consideration of current industry trends, etc. Deadline - 2025.

2. The university management shall document the minimum requirements for ensuring the implementation of the university's core disciplines in foreign languages, including in Russian for groups with Kazakh as the language of instruction, in Kazakh for groups with Russian as the language of instruction, and ensure their implementation, including within the framework of OP 8D07365 "Construction". Duration: 2025-2026 academic year.

### **According to the Standard “Continuous monitoring and periodic evaluation of educational programs”:**

#### **VEK recommendations for OP 8D07365 “Construction”:**

1. The management of OP 8D07365 "Construction" shall annually post detailed information on the university website related to changes in the structure and/or content of the OP, graduate model, etc., to inform stakeholders about the decisions taken in terms of taking into account their proposals. Deadline - within 10 days after the relevant changes are made.

### **According to the Standard “Student-Centered Learning, Teaching and Assessment of Academic Performance”:**

#### **Recommendations of the VEC on OP 8D07365 "Construction”:**

1. To the OP management 8D07365 "Construction", include in the development plans activities to improve the qualifications of teaching staff in the field of applying modern

methods of assessing student achievements, and begin their implementation. Deadline - from the 2025-2026 academic year.

**According to the Standard "Students":**

**VEK recommendations for OP 8D07365 "Construction":**

1. The management of OP 8D07365 "Construction" shall annually establish and achieve indicative indicators for the recruitment of doctoral students, as well as develop and implement a mechanism for ensuring stable recruitment, including the recruitment of doctoral students on a fee-paying basis. Deadline - annually.

**According to the Standard "Teaching Staff":**

-

**According to the Standard "Educational Resources and Student Support Systems":**

**VEK recommendations for OP 8D07365 "Construction":**

1. The management of the EP shall provide practical training for doctoral students through partnerships with international construction companies, research centers and/or educational institutions through scientific internships, participation in international educational and scientific programs, etc. Duration - annually.

**According to the Public Informing Standard:**

**VEK recommendations for OP 8D07365 "Construction":**

1. The university management shall define clear requirements for the publication of reliable, objective, complete and up-to-date information on the university website within the framework of structural divisions, departments, university management, teaching staff implementing the educational programs, and the educational programs themselves, and begin to implement them. Deadline - by the beginning of the admissions campaign for the 2025-2025 academic year.

2. The management of the OP 8D07365 "Construction", the institute and the university are recommended to ensure regular and timely updating of information on the university website about changes in the OP 8D07365 "Construction", potential scientific projects, the most significant publications with the participation of students and faculty, as well as "success stories" of the faculty and students, future graduates of the OP. Duration - on an ongoing basis.

## (IX) REVIEW OF THE RECOMMENDATION FOR THE DEVELOPMENT OF EDUCATIONAL ORGANIZATION

1. The name of the structural division of the Institutes sounds incorrect - "Educational program". It is recommended to revise this definition, as it causes confusion among all interested parties, because, in meaning, it sounds like: "Educational programs "xxx" are implemented in the educational program "xxx"...

**Инженерно-технологический институт**

Инженерно-технологический институт –подготавливает высококвалифицированные кадры, способные эффективно участвовать в модернизации страны и реализации индустриально инновационного развития Казахстана. Предоставляет инженерно-технологическое образование отвечающее международным стандартам. Учебно-воспитательная работа ведется высококвалифицированным профессорско-преподавательским составом с большим теоретическим и практическим опытом, уделяющим большое внимание совершенствованию форм методов обучения и воспитанию подрастающего поколения.

Институт располагает широкой учебно-производственной базой, современными компьютерными классами, подключенными к высокоскоростной сети Internet, научными лабораториями.

*Абжаелов Бахытбек Байдосович*

**Образовательные программы**

- Образовательная программа «Аграрные технологии»
- Образовательная программа «Архитектура и строительное производство»
- Образовательная программа «Водное хозяйство и землеустройство»
- Образовательная программа «Компьютерные науки»
- Образовательная программа

The name of the structural unit “Educational Program” is incorrect, since it does not reflect the organizational and administrative essence of the unit and may mislead interested parties.

Justification for incorrectness:

1. Does not correspond to generally accepted terminology:

In educational organizations, an “educational program” (EP) is a set of academic disciplines, methods and forms of teaching, and not an administrative unit.

Typically, universities use the terms “institute”, “faculty”, “department”, “chair”, etc., which clearly indicates the structural division.

2. Causes confusion among students, teachers and partners.

If "Educational Program" is used as the title of a unit, it creates ambiguity, since the same term refers to both an academic course and an administrative structure.

For example, it is difficult for a student to understand whether we are talking about the curriculum itself or about the organizational unit of the university.

3. Does not reflect the functional purpose of the unit

Structural divisions manage educational programs, but are not the programs themselves.

The correct name should reflect their managerial and coordinating function.



**(X) RECOMMENDATIONS TO THE ACCREDITATION COUNCIL**

The external expert commission decided to recommend to the Accreditation Council to accredit the educational program 8D07365 "Construction" of the NAO "Korkyt Ata Kyzylorda University" for a period of 5 (five) years.



**Appendix 1. Evaluation table "PARAMETERS OF A SPECIALISED PROFILE"**  
**OP 8D07365 "Construction"**

**NJSC "Kyzylorda University named after Korkyt Ata"**

| p\p   | p\p | Evaluation criteria  | Position of the educational organization |              |                      |                |
|---|-----|--|--|--------------|----------------------|----------------|
|   |     |  | Strong                                   | Satisfactory | Suggests improvement | unsatisfactory |
| Standard ""Educational Program Management"" |     |  |  |              |                      |                |
| 1   | 1.  | The university must demonstrate the development of the goal and strategy for the development of the educational program based on the analysis of external and internal factors with the broad involvement of various stakeholders.   |  | +            |                      |                |
| 2   | 2.  | Quality assurance policies should reflect the relationship between research, teaching and learning   |  | +            |                      |                |
| 3   | 3.  | The university demonstrates the development of a quality assurance culture   | +  |              |                      |                |
| 4   | 4.  | Commitment to quality assurance should apply to all activities carried out by contractors and partners (outsourcing), including in the implementation of joint/dual degree education and academic mobility   |  | +            |                      |                |
| 5   | 5.  | The management of the EP ensures transparency in the development of the EP development plan based on an analysis of its functioning, the actual positioning of the university and the focus of its activities on meeting the needs of students, the state, employers and other interested parties.   |  | +            |                      |                |
| 6   | 6.  | The management of the educational program demonstrates the functioning of mechanisms for the formation and regular revision of the educational program development plan and monitoring of its implementation, assessment of the achievement of educational goals, compliance with the needs of students, employers and society, and decision-making aimed at continuous improvement of the educational program |  |              | +                    |                |
| 7   | 7.  | The management of the educational institution must involve representatives of stakeholder groups, including employers, students and teaching staff, in the formation of the educational institution development plan.  |  | +            |                      |                |
| 8   | 8.  | The leadership of the educational institution must demonstrate the individuality and uniqueness of the educational institution’s development plan, its consistency with national development priorities and the development strategy of the educational organization.  |  |              | +                    |                |
| 9   | 9.  | The university must demonstrate a clear definition of those responsible for business processes within the EP, the distribution of job responsibilities of personnel, and the delineation of the functions of collegial bodies.   |  | +            |                      |                |

|  |     |   |          |           |          |          |
|--|-----|---|----------|-----------|----------|----------|
| 10   | 10. | The OP management ensures coordination of the activities of all persons involved in the development and management of the OP and its continuous implementation, and also involves all interested persons in this process.   |          | +         |          |          |
| 11   | 11. | The management of the OP 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 OP must implement risk management   |          |           | +        |          |
| 13   | 13. | ManagementThe EP must ensure the participation of representatives of interested parties (employers, teaching staff, students) in the collegial bodies managing the educational program, as well as their representativeness in decision-making on issues of managing the educational program. |          | +         |          |          |
| 14   | 14. | The university must demonstrate innovation management within the framework of the EP, including the analysis and implementation of innovative proposals   |          | +         |          |          |
| 15   | 15. | The leadership of the educational institution must demonstrate its openness and accessibility to students, teaching staff, employers and other interested parties.  |          | +         |          |          |
| 16   | 16. | The management of the OP confirms completion of training in educational management programs   |          | +         |          |          |
| 17   | 17. | ManagementThe OP shall ensure that progress made since the last external quality assurance procedure is taken into account in preparation for the next procedure.   |          | +         |          |          |
| Total by standard                                      |     |   | <b>1</b> | <b>13</b> | <b>3</b> | <b>0</b> |
| <b>Standard "Information Management and Reporting"</b> |     |   |          |           |          |          |
| 18   | 1.  | The university must ensure the functioning of a system for collecting, analyzing and managing information based on modern information and communication technologies and software   |          | +         |          |          |
| 19   | 2.  | The OP management demonstrates the systematic use of processed, adequate information to improve the internal quality assurance system   |          | +         |          |          |
| 20   | 3.  | The EP management demonstrates the existence of a reporting system reflecting the activities of all structural divisions and departments within the EP, including an assessment of their performance  |          | +         |          |          |
| 21   | 4.  | The university must determine the frequency, forms and methods of assessing the management of the educational institution, the activities of collegial bodies and structural divisions, and senior management.  |          | +         |          |          |
| 22   | 5.  | The university must demonstrate a mechanism for ensuring the protection of information, including the identification of persons responsible for the accuracy and timeliness of information analysis and the provision of data.  |          | +         |          |          |
| 23   | 6.  | The university demonstrates the involvement of students, employees and faculty in the processes of collecting and analyzing information, as well as making decisions based on it  |          | +         |          |          |
| 24   | 7.  | The leadership of the educational institution must demonstrate the existence of mechanisms for communication with students, employees and other stakeholders, including conflict resolution.  |          | +         |          |          |
| 25   | 8.  | The university must ensure that the degree of satisfaction of the needs of students, faculty and staff within the framework of the  |          | +         |          |          |

|  |     |   |   |    |   |   |
|--|-----|---|---|----|---|---|
|  |     | EP is measured and demonstrate evidence of the elimination of identified deficiencies.  |   |    |   |   |
| 26   | 9.  | The university must evaluate the effectiveness and efficiency of activities in the context of the educational program   |   | +  |   |   |
| <i>The information collected and analyzed by the university within the framework of the EP must take into account:</i> |     |   |   |    |   |   |
| 27   | 10. | Key performance indicators  |   | +  |   |   |
| 28   | 11. | dynamics of the student contingent in terms of forms and types  |   | +  |   |   |
| 29   | 12. | academic performance, student achievement and dropout   |   | +  |   |   |
| 30   | 13. | satisfaction of students with the implementation of the educational program and the quality of education at the university  |   | +  |   |   |
| 31   | 14. | availability of educational resources and support systems for learners  |   | +  |   |   |
| 32   | 15. | employment and career growth of graduates   |   | +  |   |   |
| 33   | 16. | Students, teaching staff and personnel must provide documentary evidence of their consent to the processing of personal data.   |   | +  |   |   |
| 34   | 17. | The management of the OP should facilitate the provision of necessary information in the relevant fields of science.  |   | +  |   |   |
| Total by standard  |     |   | 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 developing the EP and its approval at the institutional level.  |   | +  |   |   |
| 36   | 2.  | The university must demonstrate the compliance of the developed educational program with the established goals and planned learning outcomes.   |   | +  |   |   |
| 37   | 3.  | The leadership of the EP should determine the influence of disciplines and professional practices on the formation of learning outcomes   |   | +  |   |   |
| 38   | 4.  | The university demonstrates the presence of a graduate model of the OP, describing 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 specified level of the NQF, QF-EHEA  |   | X  |   |   |
| 40   | 6.  | The management of the EP should demonstrate the modular structure of the program based on ECTS, ensure that the structure of the content of the EP corresponds to the set goals with a focus on achieving the planned learning outcomes for each graduate |   | +  |   |   |
| 41   | 7.  | The management of the educational institution must ensure that the content of academic disciplines and learning outcomes correspond to each other and to the level of education (bachelor's, master's, doctoral)  |   | +  |   |   |
| 42   | 8.  | The management of the OP must demonstrate that external examinations of the OP have been carried out.   |   | +  |   |   |

|  |     |  |   |    |   |   |
|--|-----|--|---|----|---|---|
| 43   | 9.  | The management of the EP must provide evidence of the participation of students, faculty and other stakeholders in the development and quality assurance of the EP   |   | +  |   |   |
| 44   | 10. | The management of the educational institution must demonstrate the uniqueness of the educational program, its positioning in the educational market (regional/national/international)  |   | +  |   |   |
| 45   | 11. | An important factor is the ability to prepare students for professional certification  |   | +  |   |   |
| 46   | 12. | An important factor is the presence of joint and/or double degree programs with foreign universities.  |   | +  |   |   |
| Total by standard  |     |  | 0 | 11 | 1 | 0 |
| <b>Standard "Continuous monitoring and periodic evaluation of the educational program"</b>   |     |  |   |    |   |   |
| 47   | 1.  | The university must ensure a revision of the structure and content of the educational program, taking into account changes in the labor market, employers' requirements and the social demands of society.   |   | +  |   |   |
| 48   | 2.  | The university must demonstrate the existence of a documented procedure for monitoring and periodic evaluation to achieve the objectives of the EP and continuously improve the EP.  |   | +  |   |   |
| <i>Monitoring and periodic evaluation of the OP should consider:</i>                         |     |  |   |    |   |   |
| 49   | 3.  | the content of the program in the context of the latest achievements of science and technology in a specific discipline  |   | +  |   |   |
| 50   | 4.  | changes in the needs of society and the professional environment   |   | +  |   |   |
| 51   | 5.  | workload, academic performance and graduation of students  |   | +  |   |   |
| 52   | 6.  | the effectiveness of student assessment procedures   |   | +  |   |   |
| 53   | 7.  | needs and satisfaction of learners   |   | +  |   |   |
| 54   | 8.  | compliance of the educational environment and the activities of support services with the objectives of the educational program  |   | +  |   |   |
| 55   | 9.  | The management of the OP must publish information about changes to the OP, inform interested parties about any planned or undertaken actions within the OP.  |   | +  |   |   |
| 56   | 10. | Support services should identify the needs of different groups of students and their level of satisfaction with the organization of learning, teaching, assessment, and mastering of the educational program as a whole.   |   | +  |   |   |
| Total by standard  |     |  | 0 | 10 | 0 | 0 |
| <b>Standard "Student-centered learning, teaching and assessment of academic performance"</b> |     |  |   |    |   |   |
| 57   | 1.  | The leadership of the educational institution must ensure respect and attention to different groups of students and their needs, providing them with flexible learning paths   |   | +  |   |   |
| 58   | 2.  | The management of the educational program must ensure teaching based on modern achievements of world science and practice in the field of training, the use of various modern teaching methods and assessment of learning outcomes that ensure the achievement of the educational program goals, including competencies and skills for performing scientific work at the required level. |   | +  |   |   |
| 59   | 3.  | The management of the educational program must determine the mechanisms for distributing the students' academic workload between theory and practice within the educational program, ensuring that each graduate masters the content and achieves the educational program's goals.   |   | +  |   |   |



|                            |     |  |   |   |   |   |
|----------------------------|-----|--|---|---|---|---|
| 60                         | 4.  | An important factor is the presence of own research in the field of teaching methods of the OP disciplines   |   | + |   |   |
| 61                         | 5.  | The university must ensure that the procedures for assessing learning outcomes correspond to the planned results and objectives of the educational program.  |   | + |   |   |
| 62                         | 6.  | The university must ensure consistency, transparency and objectivity of the mechanism for assessing the learning outcomes of the EP, publication of criteria and methods for assessing learning outcomes in advance  |   | + |   |   |
| 63                         | 7.  | Assessors must be proficient in modern methods of assessing learning outcomes and regularly improve their skills in this area.   |   |   | + |   |
| 64                         | 8.  | The leadership of the EP must demonstrate the existence of a feedback system on the use of various teaching methods and assessment of learning outcomes  |   | + |   |   |
| 65                         | 9.  | The leadership of the EP should demonstrate support for learner autonomy while providing guidance and assistance from the teacher.   |   | + |   |   |
| 66                         | 10. | The management of the educational institution must demonstrate the existence of a procedure for responding to student complaints.  |   | + |   |   |
| Total by standard          |     |  | 0 | 9 | 1 | 0 |
| <b>Standard "Students"</b> |     |  |   |   |   |   |
| 67                         | 1.  | The university must demonstrate the policy for forming the contingent of students and ensure transparency and publication of procedures regulating the life cycle of students (from admission to completion)   |   | + |   |   |
| 68                         | 2.  | The management of the OP should provide for the implementation of special adaptation and support programs for newly admitted and foreign students.   |   | + |   |   |
| 69                         | 3.  | The university must demonstrate that its actions comply 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 informal education.                                      |   | + |   |   |
| 70                         | 4.  | The university must provide opportunities 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 presence of a mechanism to support gifted students  | + |   |   |   |
| 73                         | 7.  | The institution must demonstrate cooperation with other educational organisations and national centres of the "European Network of National Information Centres on Academic Recognition and Mobility/National Academic Recognition Information Centres" ENIC/NARIC in order to ensure comparable recognition of qualifications |   | + |   |   |
| 74                         | 8.  | The university must provide students with internships, demonstrate the procedure for facilitating the employment of graduates, and maintaining contact with them.  |   | + |   |   |
| 75                         | 9.  | The university must demonstrate the procedure for issuing graduates with documents confirming the qualifications they have received, including the learning outcomes they have achieved  |   | + |   |   |
| 76                         | 10. | The leadership of the OP must demonstrate that graduates of the  |   | + |   |   |

|  |     |   |          |           |          |          |
|--|-----|---|----------|-----------|----------|----------|
|  |     | program have skills that are in demand in the labor market and that these skills are truly relevant.  |          |           |          |          |
| 77   | 11. | The management of the OP must demonstrate the existence of a mechanism for monitoring the employment and professional activities of graduates   |          | +         |          |          |
| 78   | 12. | An important factor is the presence of an active alumni association/association   |          | +         |          |          |
| Total by standard  |     |   | <b>1</b> | <b>10</b> | <b>0</b> | <b>0</b> |
| <b>Standard ""Teaching staff"</b>  |     |   |          |           |          |          |
| 79   | 1.  | The university must have an objective and transparent personnel policy in the context of the educational program, including hiring (including invited faculty), professional growth and development of personnel, ensuring the professional competence of the entire staff. |          | +         |          |          |
| 80   | 2.  | The university must demonstrate that the quality of the teaching staff complies with the established qualification requirements, the university strategy, and the goals of the educational program.   |          | +         |          |          |
| 81   | 3.  | The leadership of the EP must demonstrate the changing role of the teacher in connection with the transition to student-centred 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 must involve in teaching specialists from relevant fields who possess professional competencies that meet the requirements of the EP   |          | +         |          |          |
| 84   | 6.  | The university must demonstrate the existence of a mechanism for motivating the professional and personal development of the teaching staff   |          | +         |          |          |
| 85   | 7.  | The university must demonstrate the widespread use of teaching staff, information and communication technologies and software in the educational process (for example, on-line learning, e-portfolio, MOOCs, etc.)  |          | +         |          |          |
| 86   | 8.  | The university must demonstrate its focus on developing academic mobility and 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 in the university, determine the contribution of the teaching staff, including invited ones, to achieving the goals of the EP                      |          | +         |          |          |
| 88   | 10. | An important factor is the involvement of the teaching staff in the development of the economy, education, science and culture of the region and the country.   |          | +         |          |          |
| Total by standard  |     |   | <b>1</b> | <b>9</b>  | <b>0</b> | <b>0</b> |
| <b>Standard "Educational Resources and Student Support Systems"</b>  |     |   |          |           |          |          |
| 89   | 1.  | The university must guarantee that the infrastructure and educational resources, including material and technical resources, correspond to the goals of the educational program.  |          | +         |          |          |
| 90   | 2.  | The OP management must demonstrate the adequacy of classrooms, laboratories and other facilities equipped with modern equipment to ensure the achievement of the OP's goals.  |          | +         |          |          |
| <i>The university must demonstrate that information resources meet the needs of the university and the educational programs being implemented, including in the following areas:</i> |     |   |          |           |          |          |
| 91   | 3.  | technological support for students and teaching staff in accordance   |          | +         |          |          |

|   |    |   |   |    |   |   |
|---|----|---|---|----|---|---|
|   |    | with educational programs (e.g. online learning, modeling, databases, data analysis programs)   |   |    |   |   |
| 92  | 4. | library resources, including a collection of educational, methodological and scientific literature on general education, basic and specialized disciplines on paper and electronic media, periodicals, access to scientific databases |   | +  |   |   |
| 93  | 5. | examination of research results, graduation papers, dissertations for plagiarism  |   | +  |   |   |
| 94  | 6. | access to educational Internet resources  |   | +  |   |   |
| 95  | 7. | Wi-Fi operation on your territory   |   | +  |   |   |
| 96  | 8. | The university must demonstrate that it creates conditions for conducting scientific research, integrating science and education, and publishing the results of scientific research work by faculty, staff, and students.             | + |    |   |   |
| 97  | 9. | The university should strive to ensure that the educational equipment and software used for mastering educational programs are similar to those used in the relevant sectors of the economy.  |   | +  |   |   |
| 98  | 10 | The management of the EP should demonstrate that there are procedures in place to support different groups of students, including information and consultation.   |   | +  |   |   |
| 99  | 11 | The management of the educational institution must demonstrate the existence of conditions for the student's advancement along an individual educational trajectory.  |   | +  |   |   |
| 100   | 12 | The university must take into account the needs of different groups of students (adults, working students, international students, as well as students with special educational needs)  |   | +  |   |   |
| 101   | 13 | The university must ensure that its infrastructure meets safety requirements  |   | +  |   |   |
| Total by standard   |    |   | 0 | 12 | 0 | 0 |
| <b>Standard "Informing the Public"</b>  |    |   |   |    |   |   |
| 102   | 1. | The university guarantees that the published information is accurate, objective, relevant and reflects all areas of the university's activities within the framework of the educational program.                                      |   | +  |   |   |
| 103   | 2. | Public awareness should include support and clarification of national development programs for the country and the system of higher and postgraduate education  |   | +  |   |   |
| 104   | 3. | The university management should use a variety of methods of disseminating information (including the media, web resources, information networks, etc.) to inform the general public and interested parties.                          |   | +  |   |   |
| <i>Information about the educational program is objective, up-to-date and must include:</i> |    |   |   |    |   |   |
| 105   | 4. | the purpose and planned results of the educational program, the qualification awarded   |   | +  |   |   |
| 106   | 5. | information and the system of assessing the academic achievements of students   |   | +  |   |   |
| 107   | 6. | information on academic mobility programs and other forms of cooperation with partner universities and employers  |   | +  |   |   |
| 108   | 7. | information on opportunities for developing students' personal and professional competencies and employment   |   | +  |   |   |
| 109   | 8. | data reflecting the positioning of the educational institution in the educational services market (at the regional, national, international levels)   |   | +  |   |   |
| 110   | 9. | An important factor is the publication of reliable information on open resources about the PTS, broken down by individuals  |   | +  |   |   |

|                   |    |  |          |            |          |          |
|-------------------|----|--|----------|------------|----------|----------|
| 111               | 10 | The university must post information and links to external resources based on the results of external assessment procedures.   |          | +          |          |          |
| 112               | 11 | An important factor is the placement of information on cooperation and interaction with partners, including scientific/consulting organizations, business partners, social partners and educational organizations. |          | +          |          |          |
| Total by standard |    |  | <b>0</b> | <b>11</b>  | <b>0</b> | <b>0</b> |
| <b>TOTAL</b>      |    |  | <b>4</b> | <b>103</b> | <b>5</b> | <b>0</b> |



## **Appendix 2. PROGRAM OF THE VISIT TO THE EDUCATIONAL ORGANIZATION**



### **AGREED**

**Chairman of the Board - Rector of NJSC "Kyzylorda University named after Korkyt Ata"**

\_\_\_\_\_**B.S. Karimova**  
«\_\_» \_\_\_\_\_ **2025**



### **I APPROVE**

**General Director of the National Institution "Independent Agency for Accreditation and Rating"**

\_\_\_\_\_**Zhumagulova A.B.**  
«\_\_» \_\_\_\_\_ **2025**

## **PROGRAM**

### **VISIT OF THE EXTERNAL EXPERT COMMISSION**

### **INDEPENDENT ACCREDITATION AND RATING AGENCY (IAAR)**

**At the NJSC "Kyzylorda University named after Korkyt Ata"**

**(international program accreditation)**

**Date of the visit: 25-27 February 2025**

|                                  |                            |
|----------------------------------|----------------------------|
| <b>Cluster 1 (accreditation)</b> | 6B02336 - Kazakh philology |
| <b>Cluster 2 (accreditation)</b> | 6B07260 - Food Technology  |



| <b>Cluster 3 (accreditation)</b>   |  | 8D07365 - Construction  |  |
|------------------------------------|--|---|--|
| <b>Date and time</b>               | <b>Work of the VEC with target groups</b>                                      | <b>Position and Surname, Name, Patronymic of participants target groups</b>   | <b>Contact form</b>  |
| <i>February 24, 2025</i>           |  |   |  |
| <b>15.00-16.00</b>                 | Preliminary meeting of the VEC   | <i>IAAR External Experts</i>  | Join a Zoom conference<br><a href="https://us02web.zoom.us/j/4641732969">https://us02web.zoom.us/j/4641732969</a>  |
| <i>On schedule</i>                 | Arrival of members of the External Expert Commission                           |   |  |
| <b>18.00</b>                       | Dinner   | <i>IAAR External Experts</i>  |  |
| <i>Day 1-th: February 25, 2025</i> |  |   |  |
| <b>09.00-09.30</b>                 | Distribution of responsibilities of experts, solution of organizational issues | <i>IAAR External Experts</i>  | Office No. 202<br>Join a Zoom conference<br><a href="https://us02web.zoom.us/j/4641732969">https://us02web.zoom.us/j/4641732969</a><br>Conference ID: 464 173 2969   |
| <b>09.30-10.00</b>                 | Meeting with the Chairman of the Board-Rector                                  | Chairman of the Board - Rector -<br>Karimova Beibitkul Sarsemkhanovna   | The meeting room<br>Join a Zoom conference<br><a href="https://us02web.zoom.us/j/4641732969">https://us02web.zoom.us/j/4641732969</a><br>Conference ID: 464 173 2969 |
| <b>10.00-10.15</b>                 | Technical break  |   |  |
| <b>10.15-11.00</b>                 | Meeting with the Board Members-Vice Rectors                                    | Vice-Rector for Academic Affairs - Abdrasheva Dana Meiramovna<br>Vice-Rector for Research and International Relations - Buribaeva Mainura Abiltayevna<br>Vice-Rector for Social and Educational Work - Bazartai Zhandos Nurtaevich<br>Vice-Rector for Strategic Development and IT - Tomanov Makhmut Muratovich | The meeting room<br>Join a Zoom conference<br><a href="https://us02web.zoom.us/j/4641732969">https://us02web.zoom.us/j/4641732969</a><br>Conference ID: 464 173 2969 |
| <b>11.00-11.10</b>                 | Technical break  |   |  |

|                    |   |   |   |
|--------------------|---|---|---|
| <b>11.10-11.50</b> | Meeting with heads of structural divisions of the NGO | <p>Director of the Department of Academic Affairs - Doszhanov Bayanali Amantaevich</p> <p>Director of the Department of Science - Nargul Amanovna Saktaganova</p> <p>Director of the Department of Economics and Finance - Urazbaev Nurlan Zhetkergenovich</p> <p>Director of the Strategy and IT Department - Nurmukhametov Nurbakhyt Nurbopaevich</p> <p>Director of the Department for Economic Work - Utegenov Galymzhan Kasymovich</p> <p>Head of the Department of Strategic Planning and Quality Assurance - Zhaksylykova Zhanna Tynyshtykbaevna</p> <p>Head of the Department for Coordination of Educational Programs and Planning of the Educational Process - Bukharbaeva Akmaral Zhetybaevna</p> <p>Head of the Department of Organization of the Educational Process and Dispatch Service - Dina Muratovna Zharylgapova</p> <p>Head of the Registrar's Office - Abzhaev Marat Malikovich</p> <p>Head of Digital Transformation Department - Tursekeyev Bakhytzhon Muratbekovich</p> <p>Head of the Department for Services to Students and Teaching Staff - Nurmaganbetov Nurlan Sharipovich</p> <p>Head of Human Resources Management - Zholaeva Madina Bekmoldoevna</p> <p>Head of the Center for Advanced Studies and Continuing Education - Abtikalykov Nurkhan Boranbekovich</p> <p>Head of International Relations Department - Almakhanova Gulnaziya Aitbaevna</p> <p>Director of the Scientific Library - Gulmira Alibaevna Satbaeva</p> <p>Head of the Department of Social and Educational Work - Bimuratkyzy Zhanar</p> | <p>The meeting room</p> <p>Join a Zoom conference</p> <p><a href="https://us02web.zoom.us/j/4641732969">https://us02web.zoom.us/j/4641732969</a></p> <p>Conference ID: 464 173 2969</p> |
|--------------------|---|---|---|

|                    |   |  |  |
|--------------------|---|--|--|
|                    |   | Head of Recruiting and Career Department - Myrzabai Askhat Samatovich<br>Head of the group for information and analytical work - Makhambetova Maria Alievna  |  |
| <b>11.50-12.00</b> | Exchange of views of members of the external expert commission      |  | Office No. 202<br>Join a Zoom conference<br><a href="https://us02web.zoom.us/j/4641732969">https://us02web.zoom.us/j/4641732969</a><br>Conference ID: 464 173 2969   |
| <b>12.00-12.40</b> | Meeting with deans of accredited educational institutions           | Director of the Humanitarian Pedagogical Institute - Taiman Sagat Tamshybaevich<br>Director of the Engineering and Technology Institute - Abzhalelov Bakhytbek Baidosovich<br>Director of the Institute of Pedagogy and Traditional Arts - Mirmanov Naku Bakhautdinovich | The meeting room<br>Join a Zoom conference<br><a href="https://us02web.zoom.us/j/4641732969">https://us02web.zoom.us/j/4641732969</a><br>Conference ID: 464 173 2969 |
| <b>12.40-13.00</b> | Work of the VEC   | <i>IAAR External Experts</i>   |  |
| <b>13.00-14.00</b> | <i>Dinner</i>   |  |  |
| <b>14.00-14.15</b> | Work of the VEC   |  |  |
| <b>14.15-15.00</b> | Meeting with heads of departments and heads of educational programs | Head of the EP "Design and Technologies" - Smailova Zhuldyz Zholdasovna<br>Head of the OP "Kazakh language, literature and journalism" - Almauytova Asiya Bazarbaykyzy<br>Head of the OP "Architecture and construction production" - Zhakapbaeva Gulnaz Absadykovna     | The meeting room<br>Join a Zoom conference<br><a href="https://us02web.zoom.us/j/4641732969">https://us02web.zoom.us/j/4641732969</a><br>Conference ID: 464 173 2969 |
| <b>15.00-15.10</b> | Technical break   |  | Office No. 202<br>Join a Zoom conference<br><a href="https://us02web.zoom.us/j/4641732969">https://us02web.zoom.us/j/4641732969</a><br>Conference ID: 464 173 2969   |
| <b>15.10-16.00</b> | Meeting with the PTS OP   | <i>Appendix I</i>  | The meeting room<br>Join a Zoom conference<br><a href="https://us02web.zoom.us/j/4641732969">https://us02web.zoom.us/j/4641732969</a>                                |

|                                 |  |  |  |
|---------------------------------|--|--|--|
|                                 |  |  | Conference ID: 464 173 2969  |
| <b>16.00-17.00</b>              | Questioning of teaching staff (in parallel)  | <b>Appendix 2</b>  | The link is sent to the teacher's e-mail personally  |
| <b>16.00-16.10</b>              | Exchange of views of members of the external expert commission   |  | Office No. 202<br>Join a Zoom conference<br><a href="https://us02web.zoom.us/j/4641732969">https://us02web.zoom.us/j/4641732969</a><br>Conference ID: 464 173 2969   |
| <b>16.10-17.00</b>              | Meeting with students of the OP  | <b>Appendix 3</b>  | The meeting room<br>Join a Zoom conference<br><a href="https://us02web.zoom.us/j/4641732969">https://us02web.zoom.us/j/4641732969</a><br>Conference ID: 464 173 2969 |
| <b>17.00-18.00</b>              | Survey of students (in parallel)   | <b>Appendix 4</b>  | The link is sent to the student's personal e-mail  |
| <b>17.00-17.50</b>              | Visual inspection of the educational program and the material, technical and educational laboratory base only for objects of the accredited educational programs | <b>Appendix 5</b>  | <i>On the route</i>  |
| <b>17.50-18.00</b>              | Work of the VEC discussion of the results of the first day   | <i>IAAR External Experts</i>   | Office No. 202<br>Join a Zoom conference<br><a href="https://us02web.zoom.us/j/4641732969">https://us02web.zoom.us/j/4641732969</a><br>Conference ID: 464 173 2969   |
| <b>18.00-19.00</b>              | Dinner   | <i>IAAR External Experts</i>   |  |
| <b>Day 2: February 26, 2025</b> |  |  |  |
| <b>09.00-09.30</b>              | Work of the VEC  | <i>IAAR External Experts</i>   | Office No. 202<br>Join a Zoom conference<br><a href="https://us02web.zoom.us/j/4641732969">https://us02web.zoom.us/j/4641732969</a><br>Conference ID: 464 173 2969   |
| <b>09.30-11.30</b>              | Selective visit to the practice bases of the OP  | <i>IAAR External Experts as per the itinerary</i><br><b>Appendix 6</b> |  |

|                                 |  |   |  |
|---------------------------------|--|---|--|
| <b>11.30-13.00</b>              | Working with department documents (documents must be uploaded to the cloud by clusters in advance, if necessary, department heads will be invited to the online Zoom room) and attending faculty classes according to the schedule | <b>Appendix 7</b><br>Head of the EP “Design and Technologies” - Smailova Zhuldyz Zholdasovna<br>Head of the OP “Kazakh language, literature and journalism” - Almauytova Asiya Bazarbaykyzy<br>Head of the OP "Architecture and construction production" - Zhakapbaeva Gulnaz Absadykovna |  |
| <b>13.00-14.00</b>              | <b>Dinner</b>  |   |  |
| <b>14.00-14.20</b>              | Exchange of views of members of the external expert commission   | <i>IAAR External Experts</i>  | Office No. 202<br>Join a Zoom conference<br><a href="https://us02web.zoom.us/j/4641732969">https://us02web.zoom.us/j/4641732969</a><br>Conference ID: 464 173 2969   |
| <b>14.20-15.10</b>              | Meeting with stakeholders (representatives of practice bases and employers) (hybrid)   | <b>Appendix 8</b>   | The meeting room<br>Join a Zoom conference<br><a href="https://us02web.zoom.us/j/4641732969">https://us02web.zoom.us/j/4641732969</a><br>Conference ID: 464 173 2969 |
| <b>15.10-15.30</b>              | Technical break  |   |  |
| <b>15.30-16.10</b>              | Meeting with graduates of the OP (hybrid)  | <b>Appendix 9</b>   | The meeting room<br>Join a Zoom conference<br><a href="https://us02web.zoom.us/j/4641732969">https://us02web.zoom.us/j/4641732969</a><br>Conference ID: 464 173 2969 |
| <b>16.10-16.30</b>              | Technical break  | <i>IAAR External Experts</i>  |  |
| <b>16.30-19.00</b>              | Work of the VEC, discussion of the results of the second day and profile parameters (recording is in progress)   | <i>IAAR External Experts</i>  | Office No. 202<br>Join a Zoom conference<br><a href="https://us02web.zoom.us/j/4641732969">https://us02web.zoom.us/j/4641732969</a><br>Conference ID: 464 173 2969   |
| <b>19.00-20.00</b>              | Dinner   | <i>IAAR External Experts</i>  |  |
| <b>Day 3: February 26, 2025</b> |  |   |  |
| <b>09.00-11.30</b>              | Work of the VEC, development and discussion of recommendations   | <i>IAAR External Experts</i>  | Office No. 202<br>Join a Zoom conference   |



|                    |   |                              |  |
|--------------------|---|------------------------------|--|
|                    |   |                              | <a href="https://us02web.zoom.us/j/4641732969">https://us02web.zoom.us/j/4641732969</a><br>Conference ID: 464 173 2969   |
| <b>11.30-11.40</b> | Technical break   |                              |  |
| <b>11.40-12.30</b> | The work of the VEC is the development and discussion of recommendations (recording is in progress) | <i>IAAR External Experts</i> | Office No. 202<br>Join a Zoom conference<br><a href="https://us02web.zoom.us/j/4641732969">https://us02web.zoom.us/j/4641732969</a><br>Conference ID: 464 173 2969   |
| <b>12.30-13.00</b> | Work of the VEC   | <i>IAAR External Experts</i> |  |
| <b>13.00-14.00</b> | Dinner  |                              |  |
| <b>14.00-16.00</b> | Work of the VEC, discussion, decision-making by voting (recording is kept)                          |                              | Office No. 202<br>Join a Zoom conference   |
| <b>16.00-16.30</b> | Work of the VEK, Discussion of the results of the quality assessment                                | <i>IAAR External Experts</i> | <a href="https://us02web.zoom.us/j/4641732969">https://us02web.zoom.us/j/4641732969</a><br>Conference ID: 464 173 2969   |
| <b>16.30-17.00</b> | Final meeting of the VEC with the university management   |                              | The meeting room<br>Join a Zoom conference<br><a href="https://us02web.zoom.us/j/4641732969">https://us02web.zoom.us/j/4641732969</a><br>Conference ID: 464 173 2969 |
| <b>18.00-19.00</b> | Dinner  | <i>IAAR External Experts</i> |  |

**Appendix 3. RESULTS OF THE TEACHERS' SURVEY****PTS questionnaire****Total number of questionnaires: 22****Job title:**

|                                |            |
|--------------------------------|------------|
| Associate Professor            | 6 (27.3%)  |
| Aga okytushy (Senior Lecturer) | 13 (59.1%) |
| Okytushy (Teacher)             | 3 (13.6%)  |

**Academic degree, academic title:**

|  |            |
|--|------------|
| Honored figure of the Republic of Kazakhstan | 0 (0%)     |
| Doctor of Science                            | 1 (4.5%)   |
| Candidate of Sciences                        | 13 (59.1%) |
| Master                                       | 5 (22.7%)  |
| PhD  | 3 (13.6%)  |
| Professor                                    | 0 (0%)     |
| Associate Professor                          | 1 (4.5%)   |
| No   | 0 (0%)     |

**Length of service at this university:**

|                  |            |
|------------------|------------|
| Less than 1 year | 1 (4.5%)   |
| 1 year - 5 years | 3 (13.6%)  |
| Over 5 years     | 18 (81.8%) |

| Questions  | Very good  | Fine      | Relatively bad | Badly  | Very bad |
|--|------------|-----------|----------------|--------|----------|
| 1. To what extent does the content of the educational program meet your scientific and professional interests and needs? | 19 (86.4%) | 3 (13.6%) | 0 (0%)         | 0 (0%) | 0 (0%)   |
| 2. How do you rate the opportunities provided by the University for the professional development of the teaching staff?  | 16 (72.7%) | 6 (27.3%) | 0 (0%)         | 0 (0%) | 0 (0%)   |
| 3. How do you rate the opportunities provided by the University for career growth of the teaching staff?                 | 17 (77.3%) | 5 (22.7%) | 0 (0%)         | 0 (0%) | 0 (0%)   |
| 4. How do you rate the level of academic freedom of the teaching staff?  | 14 (63.6%) | 8 (36.4%) | 0 (0%)         | 0 (0%) | 0 (0%)   |
| 5. To what extent can teachers use their own teaching strategies?  | 17 (77.3%) | 4 (18.2%) | 1 (4.5%)       | 0 (0%) | 0 (0%)   |
| 6. To what extent can teachers use their own teaching methods?   | 18 (81.8%) | 4 (18.2%) | 0 (0%)         | 0 (0%) | 0 (0%)   |
| 7. To what extent can teachers use educational innovations?  | 18 (81.8%) | 4 (18.2%) | 0 (0%)         | 0 (0%) | 0 (0%)   |

|  |            |            |          |          |          |
|--|------------|------------|----------|----------|----------|
| 8. How do you rate the work on organizing medical care and disease prevention at the university?   | 11(50%)    | 8(36.4%)   | 1 (4.5%) | 1 (4.5%) | 1 (4.5%) |
| 9. How much attention does the educational institution's management pay to the content of the educational program?   | 16 (72.7%) | 6 (27.3%)  | 0 (0%)   | 0 (0%)   | 0 (0%)   |
| 10. How do you rate the sufficiency and availability of necessary scientific and educational literature in the library?                                      | 17 (77.3%) | 5 (22.7%)  | 0 (0%)   | 0 (0%)   | 0 (0%)   |
| 11. Assess the level of conditions created that take into account the needs of different groups of students?   | 14 (63.6%) | 8 (36.4%)  | 0 (0%)   | 0 (0%)   | 0 (0%)   |
| 12. Rate the openness and accessibility of the manual to students  | 19 (86.4%) | 3 (13.6%)  | 0 (0%)   | 0 (0%)   | 0 (0%)   |
| 13. Rate the openness and accessibility of the manual to teachers  | 18 (81.8%) | 3 (13.6%)  | 0 (0%)   | 1 (4.5%) | 0 (0%)   |
| 14. Assess the involvement of the faculty in the process of making management and strategic decisions  | 14 (63.6%) | 7 (31.8%)  | 0 (0%)   | 1 (4.5%) | 0 (0%)   |
| 15. How is innovative activity of teaching staff encouraged?   | 14 (63.6%) | 7 (31.8%)  | 1 (4.5%) | 0 (0%)   | 0 (0%)   |
| 16. Assess the level of feedback from the teaching staff to the management   | 16 (72.7%) | 6 (27.3%)  | 0 (0%)   | 0 (0%)   | 0 (0%)   |
| 17. What is the level of stimulation and involvement of young specialists in the educational process?  | 14 (63.6%) | 8 (36.4%)  | 0 (0%)   | 0 (0%)   | 0 (0%)   |
| 18. Assess the opportunities created for professional and personal growth for each teacher and staff member  | 16 (72.7%) | 5 (22.7%)  | 1 (4.5%) | 0 (0%)   | 0 (0%)   |
| 19. Assess the adequacy of recognition of the potential and abilities of teachers  | 17 (77.3%) | 4 (18.2%)  | 0 (0%)   | 1 (4.5%) | 0 (0%)   |
| 20. How is academic mobility organized?  | 15 (68.2%) | 7 (31.8%)  | 0 (0%)   | 0 (0%)   | 0 (0%)   |
| 21. How is the work on improving the qualifications of teaching staff organized?   | 17 (77.3%) | 5 (22.7%)  | 0 (0%)   | 0 (0%)   | 0 (0%)   |
| 22. Assess the support of the university and its management for the research initiatives of the teaching staff   | 17 (77.3%) | 5 (22.7%)  | 0 (0%)   | 0 (0%)   | 0 (0%)   |
| 23. Development of new educational programs/disciplines/teaching methods   | 15 (68.2%) | 6 (27.3%)  | 1 (4.5%) | 0 (0%)   | 0 (0%)   |
| 24. Assess the level of ability of the teaching staff to combine teaching with scientific research   | 15 (68.2%) | 7 (31.8%)  | 0 (0%)   | 0 (0%)   | 0 (0%)   |
| 25. Assess the level of ability of the teaching staff to combine teaching with practical activities  | 19 (86.4%) | 3 (13.6%)  | 0 (0%)   | 0 (0%)   | 0 (0%)   |
| 26. Assess to what extent the knowledge students receive at this university corresponds to the realities of the requirements of the modern labor market      | 14 (63.6%) | 8 (36.4%)  | 0 (0%)   | 0 (0%)   | 0 (0%)   |
| 27. Please rate how well your academic workload matches your expectations and capabilities?  | 13 (59.1%) | 8 (36.4%)  | 1 (4.5%) | 0 (0%)   | 0 (0%)   |
| 28. Assess the focus of educational programs/curriculums on developing students' skills and abilities to analyze situations and make forecasts?              | 15 (68.2%) | 7 (31.8%)  | 0 (0%)   | 0 (0%)   | 0 (0%)   |
| 29. Assess to what extent the educational program in terms of content and quality of implementation meets the expectations of the labor market and employers | 12(54.5%)  | 10 (45.5%) | 0 (0%)   | 0 (0%)   | 0 (0%)   |

### Why do you work at this particular university?

Маған қолайлы

Өз өлкемнің рухани дамсына, білімді ұрпақ тәрбиелеуге үлес қосу

Себебі жас оқытушыларға жоғары жағдай жасалған

Оқытушыларды қолдау жоғары болғандықтан

Алдыңғы қатарлы оқу орындарының бірі

Өз өңірімдегі өндіріс саласындағы өзекті мәселелерді көтеру мақсатында және оқу орнындағы білім мен ғылымға өз үлесімді қосу, жастарды қолдау, сонымен қатар ЖОО орнының әлемдік деңгейге жетуі, үкіметтен әр түрлі бағдарламалар арқылы қолдау жасау болғандықтан таңдадым.

Потому что именно этот университет предоставляет много возможностей для молодых ученых. Мощная поддержка от руководства.

Өңірдегі ғылым мен білімді ұштастырған жан-жақты дамыған білікті мамандар даярлайтын озық оқу орны болғандықтан

Біліктілік сәйкес келген соң

жолдамамен келгенмін

Я являюсь выпускником этого вуза

Я выпускник этого вуза, меня устраивают все условия, предоставляемые для преподавателей. Также есть возможность реализовать себя как менеджера управленца. Обновляется мат.база, стабильная зарплата, есть возможность заниматься научной деятельностью.

Ғылымдағы барлық мүмкіндіктерімді ашқандығы үшін. Ғылыми потенциалы мол университет Біріншіден, осы Қызылорда облысының тумасымын. Екіншіден университеттің ұсынған талаптары, мен қалаған талаптарға сай.

Университеттен кейін

Білімімді көтеру Оқытушылық қызмет ұнайды

Хочу применить свои знания, умения и навыки, свой практический опыт в развитие и формирование потенциального человеческого капитала Кызылординской области

Менің кәсіби маман болып қалыптасуыма алынған білімнің нәтижесінде университетімнің түлегімін, таңдау берілсе екінші рет тағы тандар едім

Себебі, Қорқыт ата атындағы Қызылорда университеті Қызылорда өңіріндегі жаңа білімдерді қалыптастыруға және өңірдің зияткерлік әлеуетін арттыруға бағытталған ең ірі білім ордасы болып табылады.

Соответствует современным требованиям

| Statement   | Very often | Often      | Sometimes | Very rarely | Never  | Didn't answer |
|---|------------|------------|-----------|-------------|--------|---------------|
| 33. How often do your courses include master classes and readings with practitioners?         | 9 (40.9%)  | 10 (45.5%) | 3 (13.6%) | 0 (0%)      | 0 (0%) | 0 (0%)        |
| 34. How often do invited teachers (domestic and foreign) participate in the learning process? | 6 (27.3%)  | 13 (59.1%) | 3 (13.6%) | 0 (0%)      | 0 (0%) | 0 (0%)        |

**How often do you encounter the following problems in your work:**

| Statement | Often | Sometimes | Never |
|-----------|-------|-----------|-------|
|           |       |           |       |

|  |        |                   |            |
|--|--------|-------------------|------------|
| 35. How often do you encounter the following problems in your work: Lack of classrooms | 0 (0%) | 6 (27.3%)         | 16 (72.7%) |
| 36. Unbalanced academic workload across semesters                                      | 0 (0%) | 5(22.7%)          | 17 (77.3%) |
| 37. Unavailability of required books in the library                                    | 0 (0%) | 5(22.7%)          | 17 (77.3%) |
| <b>38. Overcrowded study groups (too many students in a group)</b>                     | 0 (0%) | 8(36.4%)          | 14 (63.6%) |
| 39. Inconvenient schedule  | 0 (0%) | 3 (13.6%)         | 18 (81.8%) |
| 40. Inadequate conditions for classroom study  | 0 (0%) | 3 (13.6%)         | 19 (86.4%) |
| <b>41. No internet access/weak internet</b>  | 0 (0%) | 8 (36.4%)         | 14 (63.6%) |
| <b>42. Lack of interest in learning among students</b>                                 | 0 (0%) | 9 (40.9%)         | 13 (59.1%) |
| 43. Late receipt of information about events   | 0 (0%) | 6 (27.3%)         | 16 (72.7%) |
| <b>44. Lack of technical equipment in classrooms</b>                                   | 0 (0%) | <b>10 (45.5%)</b> | 12 (54.5%) |

**Other problems (if any). Please indicate which ones:**

No problem

All right

When the internet is just

| Statement  | Fully satisfied | Partially satisfied | Not satisfied | I find it difficult to answer |
|--|-----------------|---------------------|---------------|-------------------------------|
| 45. There are many different sides and aspects to the life of a university that affect each teacher and employee in one way or another. Rate how satisfied you are with: | 18 (81.8%)      | 3 (13.6%)           | 1 (4.5%)      | 0 (0%)                        |
| 46. Relationships with immediate management  | 21 (95.5%)      | 1 (4.5%)            | 0 (0%)        | 0 (0%)                        |
| 47. Relationships with colleagues in the department  | 20 (90.9%)      | 1 (4.5%)            | 1 (4.5%)      | 0 (0%)                        |
| 48. The degree of participation in management decision-making  | 18 (81.8%)      | 4 (18.2%)           | 0 (0%)        | 0 (0%)                        |
| 49. Relations with students  | 22 (100%)       | 0 (0%)              | 0 (0%)        | 0 (0%)                        |
| 50. Recognition of your successes and achievements by the administration   | 18 (81.8%)      | 4 (18.2%)           | 0 (0%)        | 0 (0%)                        |
| 51. Support for your suggestions and comments  | 18 (81.8%)      | 4 (18.2%)           | 0 (0%)        | 0 (0%)                        |
| 52. Activities of the university administration  | 19 (86.4%)      | 3 (13.6%)           | 0 (0%)        | 0 (0%)                        |
| 53. Terms of remuneration  | 20 (90.9%)      | 2 (9.1%)            | 0 (0%)        | 0 (0%)                        |
| 54. Working conditions, list and quality of services provided at the university  | 20 (90.9%)      | 2 (9.1%)            | 0 (0%)        | 0 (0%)                        |
| 55. Occupational health and safety   | 21 (95.5%)      | 1 (4.5%)            | 0 (0%)        | 0 (0%)                        |
| 56. Managing changes in the activities of the university   | 19 (86.4%)      | 3 (13.6%)           | 0 (0%)        | 0 (0%)                        |
| 57. Provision of a social package: rest, spa treatment, etc.   | 15 (68.2%)      | 7 (31.8%)           | 0 (0%)        | 0 (0%)                        |
| 58. Organization and quality of food at the university   | 17 (77.3%)      | 5 (22.7%)           | 0 (0%)        | 0 (0%)                        |
| 59. Organization and quality of medical care   | 17 (77.3%)      | 4 (18.2%)           | 1 (4.5%)      | 0 (0%)                        |



## **Appendix 4. RESULTS OF THE STUDENT SURVEY**

### *Questionnaire for students*

**Total number of questionnaires: 60**

**Educational program (specialty):**

|                          |            |
|--------------------------|------------|
| 6B02336 Kazakh philology | 4 (6.7%)   |
| 6B07260 Food Technology  | 53 (88.4%) |
| 8D07365 Construction     | 3 (5%)     |

**Floor:**

|        |          |
|--------|----------|
| Male   | 9 (15%)  |
| Female | 51 (85%) |

**Rate how satisfied you are:**

| Questions  | Completely satisfied | Partially satisfied | Partially unsatisfied | Not satisfied | I'm having trouble answer |
|--|----------------------|---------------------|-----------------------|---------------|---------------------------|
| 30. Relations with the dean's office(school, faculty, department)  | 45 (75%)             | 15 (25%)            | 0 (0%)                | 0 (0%)        | 0 (0%)                    |
| 31. Level of accessibility of the dean's office(schools, faculties, departments)                         | 45 (75%)             | 14 (23.3%)          | 1 (1.7%)              | 0 (0%)        | 0 (0%)                    |
| 32. The level of accessibility and responsiveness of management(university, school, faculty, department) | 53(88.3%)            | 7 (11.7%)           | 0 (0%)                | 0 (0%)        | 0 (0%)                    |
| 33. Availability of academic advising  | 51 (85%)             | 7 (11.7%)           | 2 (3.3%)              | 0 (0%)        | 0 (0%)                    |
| 34. Support with educational materials during the learning process                                       | 52 (86.7%)           | 8 (13.3%)           | 0 (0%)                | 0 (0%)        | 0 (0%)                    |
| 35. Availability of consultations on personal problems   | 49(81.7%)            | 9 (15%)             | 2 (3.3%)              | 0 (0%)        | 0 (0%)                    |
| 36. Relationships between student and teacher  | 49 (81.7%)           | 10 (16.7%)          | 1 (1.7%)              | 0 (0%)        | 0 (0%)                    |
| 37. Financial and administrative services of the educational institution                                 | 52 (86.7%)           | 7 (11.7%)           | 1 (1.7%)              | 0 (0%)        | 0 (0%)                    |
| 38. Availability of health services  | 40 (66.7%)           | 12 (20%)            | 6 (10%)               | 1 (1.7%)      | 1 (1.7%)                  |
| 39. Quality medical care at the university   | 42 (70%)             | 10 (16.7%)          | 7 (11.7%)             | 0 (0%)        | 1 (1.7%)                  |
| 40. The level of availability of library resources   | 52 (86.7%)           | 8 (13.3%)           | 0 (0%)                | 0 (0%)        | 0 (0%)                    |
| 41. The quality of services provided in libraries and reading rooms                                      | 53(88.3%)            | 7 (11.7%)           | 0 (0%)                | 0 (0%)        | 0 (0%)                    |
| 42. Satisfaction with the existing educational resources of the university                               | 49 (81.7%)           | 11 (18.3%)          | 0 (0%)                | 0 (0%)        | 0 (0%)                    |
| 43. Availability of computer classes   | 45 (75%)             | 13 (21.7%)          | 2 (3.3%)              | 0 (0%)        | 0 (0%)                    |
| 44. Availability and quality of Internet resources   | 43 (71.7%)           | 14 (23.3%)          | 3 (5%)                | 0 (0%)        | 0 (0%)                    |

|   |            |            |          |          |          |
|---|------------|------------|----------|----------|----------|
| 45. The content and informational content of the website of educational organizations in general and faculties (schools) in particular        | 49 (81.7%) | 9 (15%)    | 2 (3.3%) | 0 (0%)   | 0 (0%)   |
| 46. Classrooms, auditoriums for large groups  | 45 (75%)   | 13 (21.7%) | 2 (3.3%) | 0 (0%)   | 0 (0%)   |
| 47. Student lounges (if any)  | 41 (68.3%) | 9 (15%)    | 6 (10%)  | 1 (1.7%) | 3 (5%)   |
| 48. Clarity of procedures for taking disciplinary action  | 49 (81.7%) | 11 (18.3%) | 0 (0%)   | 0 (0%)   | 0 (0%)   |
| 49. The quality of the educational program as a whole   | 50 (83.3%) | 10 (16.7%) | 0 (0%)   | 0 (0%)   | 0 (0%)   |
| 50. The quality of the educational programs in the OP   | 49 (81.7%) | 10 (16.7%) | 1 (1.7%) | 0 (0%)   | 0 (0%)   |
| 51. Teaching methods in general   | 49 (81.7%) | 8 (13.3%)  | 3 (5%)   | 0 (0%)   | 0 (0%)   |
| 52. Quick response to feedback from teachers regarding the educational process  | 48 (80%)   | 12 (20%)   | 0 (0%)   | 0 (0%)   | 0 (0%)   |
| 53. The quality of teaching in general  | 50 (83.3%) | 10 (16.7%) | 0 (0%)   | 0 (0%)   | 0 (0%)   |
| 54. Academic workload/demands for the student   | 49 (81.7%) | 9 (15%)    | 2 (3.3%) | 0 (0%)   | 0 (0%)   |
| 55. Requirements of the teaching staff for students   | 49 (81.7%) | 9 (15%)    | 2 (3.3%) | 0 (0%)   | 0 (0%)   |
| 56. Information support and explanation of admission rules and strategy of the educational program (specialty) before entering the university | 49 (81.7%) | 11 (18.3%) | 0 (0%)   | 0 (0%)   | 0 (0%)   |
| 57. Informing the requirements for successful completion of a given educational program (specialty)   | 48 (80%)   | 12 (20%)   | 0 (0%)   | 0 (0%)   | 0 (0%)   |
| 29. (The quality of examination materials (tests and examination questions, etc.)   | 51 (85%)   | 7 (11.7%)  | 2 (3.3%) | 0 (0%)   | 0 (0%)   |
| 30. Objectivity in assessing knowledge, skills and other academic achievements  | 49 (81.7%) | 11 (18.3%) | 0 (0%)   | 0 (0%)   | 0 (0%)   |
| 31. Available computer classes  | 48 (80%)   | 9 (15%)    | 3 (5%)   | 0 (0%)   | 0 (0%)   |
| 32. Available scientific laboratories   | 46 (76.7%) | 9 (15%)    | 3 (5%)   | 1 (1.7%) | 1 (1.7%) |
| 60. Objectivity and fairness of teachers  | 47 (78.3%) | 12 (20%)   | 1 (1.7%) | 0 (0%)   | 0 (0%)   |
| 61. Informing students about courses, educational programs and the academic degree they receive   | 49 (81.7%) | 11 (18.3%) | 0 (0%)   | 0 (0%)   | 0 (0%)   |
| 62. Providing students with dormitory accommodation   | 48 (80%)   | 9 (15%)    | 2 (3.3%) | 1 (1.7%) | 0 (0%)   |

**Rate how much you agree:**

| Statement  | Full agreement | Agree     | I partially agree | I disagree | Complete disagreement | Didn't answer |
|--|----------------|-----------|-------------------|------------|-----------------------|---------------|
| 63. The course program was clearly presented.  | 53 (88.3%)     | 7 (11.7%) | 0 (0%)            | 0 (0%)     | 0 (0%)                | 0 (0%)        |
| 64. The course content is well structured.   | 50 (83.3%)     | 9 (15%)   | 1 (1.7%)          | 0 (0%)     | 0 (0%)                | 0 (0%)        |
| 65. Key terms are explained well enough  | 51 (85%)       | 9 (15%)   | 0 (0%)            | 0 (0%)     | 0 (0%)                | 0 (0%)        |
| 66. The material offered by the teacher is relevant and reflects the latest achievements of science and practice | 51 (85%)       | 8 (13.3%) | 1 (1.7%)          | 0 (0%)     | 0 (0%)                | 0 (0%)        |
| 67. The teacher uses effective teaching methods  | 50 (83.3%)     | 9 (15%)   | 1 (1.7%)          | 0 (0%)     | 0 (0%)                | 0 (0%)        |
| 68. The teacher is proficient in the material being taught   | 51 (85%)       | 9 (15%)   | 0 (0%)            | 0 (0%)     | 0 (0%)                | 0 (0%)        |
| 69. The teacher's presentation is clear  | 53 (88.3%)     | 7 (11.7%) | 0 (0%)            | 0 (0%)     | 0 (0%)                | 0 (0%)        |
| 70. The teacher presents the material in an interesting  | 49             | 10        | 1 (1.7%)          | 0 (0%)     | 0 (0%)                | 0 (0%)        |

|  |               |               |          |        |        |        |
|--|---------------|---------------|----------|--------|--------|--------|
| way.   | (81.7%)       | (16.7%)       |          |        |        |        |
| 71. Objectivity in assessing knowledge, skills and other academic achievements   | 47<br>(78.3%) | 10<br>(16.7%) | 3 (5%)   | 0 (0%) | 0 (0%) | 0 (0%) |
| 72. Timeliness of assessment of students' academic achievements  | 48 (80%)      | 9(15%)        | 3 (5%)   | 0 (0%) | 0 (0%) | 0 (0%) |
| 73. The teacher meets my needs for personal development and professional formation   | 50<br>(83.3%) | 9 (15%)       | 1 (1.7%) | 0 (0%) | 0 (0%) | 0 (0%) |
| 74. The teacher stimulates students' activity  | 49<br>(81.7%) | 9(15%)        | 2 (3.3%) | 0 (0%) | 0 (0%) | 0 (0%) |
| 75. The teacher stimulates students' creative thinking   | 49<br>(81.7%) | 10<br>(16.7%) | 1 (1.7%) | 0 (0%) | 0 (0%) | 0 (0%) |
| 76. The teacher's appearance and manners are adequate  | 51 (85%)      | 9 (15%)       | 0 (0%)   | 0 (0%) | 0 (0%) | 0 (0%) |
| 77. The teacher shows a positive attitude towards students   | 51 (85%)      | 9 (15%)       | 0 (0%)   | 0 (0%) | 0 (0%) | 0 (0%) |
| 78. The system of assessment of academic achievements (seminars, tests, questionnaires, etc.) reflects the content of the course | 51 (85%)      | 9 (15%)       | 0 (0%)   | 0 (0%) | 0 (0%) | 0 (0%) |
| 79. The assessment criteria used by the teacher are clear  | 50<br>(83.3%) | 10<br>(16.7%) | 0 (0%)   | 0 (0%) | 0 (0%) | 0 (0%) |
| 80. The teacher objectively evaluates the students' achievements   | 51 (85%)      | 9 (15%)       | 0 (0%)   | 0 (0%) | 0 (0%) | 0 (0%) |
| 81. The teacher speaks professional language   | 50<br>(83.3%) | 10<br>(16.7%) | 0 (0%)   | 0 (0%) | 0 (0%) | 0 (0%) |
| 82. The organization of education provides sufficient opportunities for sports and other leisure activities                      | 49<br>(81.7%) | 9(15%)        | 2 (3.3%) | 0 (0%) | 0 (0%) | 0 (0%) |
| 83. Facilities and equipment for students are safe, comfortable and modern.  | 47<br>(78.3%) | 9(15%)        | 4 (6.7%) | 0 (0%) | 0 (0%) | 0 (0%) |
| 84. The library is well equipped and has a fairly good collection of books.  | 51 (85%)      | 8<br>(13.3%)  | 1 (1.7%) | 0 (0%) | 0 (0%) | 0 (0%) |
| 85. Equal opportunities are provided to all students   | 48 (80%)      | 11<br>(18.3%) | 1 (1.7%) | 0 (0%) | 0 (0%) | 0 (0%) |

### Other issues regarding the quality of teaching:

Мәселе жоқ

Барлығы жақсы,көңілім толады

Мәселе мүлдем жоқ оқыту сапасына көңілім толады

Ешқандай мәселе жоқ. Барлығы қамтамасыз етілген.

Өте жоғары деңгейде

Ризамын

**Интерактивті тақта болса әр аудиторияда интернет сапасы одан әрі жоғары болғанын қалаймын**

### **Аудиториялардың жеткілікті болмауы**

Менің барлық талаптарымды қағанаттандырады. Оқытушылар, аға оқытушылар кәсіби тілді қоса отыра, бізге түсінікті тілде барлық ақпараттарды жеткізе біледі. Менің оқуға деген қызығушылықты аша білді. Мамандыққа қатысты ақпараттарды толықтай кітапханадан алып, сол жерде интернет желісі арқылы сабағымызды жасай аламыз. Сондықтан менің оқытуға, оның сапасына деген ешқандай шағымым жоқ.

Оқу материалдарын түсінікті әрі қызықты жеткізу керек