

Ministry of Science and Higher Education of the Republic of Kazakhstan
Korkyt Ata Kyzylorda University Public Joint Stock Company

DEVELOPMENT PLAN
educational program
6B06155 – Computing equipment and software
For 2025-2029

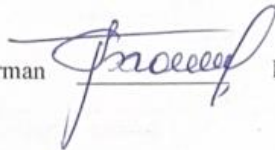
Kyzylorda, 2025

APPROVED

at a meeting of the Academic Council on educational areas

Protocol № 1 «02» 09 2025 y.

Chairman



B.B. Abzhalelov

REVIEWED

at a meeting of the Department of Computer Science

Protocol № 1 «19» 08 2025 y.

Head of the EP



N.B. Konyrbaev

BASIC FOR DEVELOPING THE EDUCATIONAL PROGRAM PLAN:

Korkyt Ata University Strategic Development Plan for 2025-2029

1. DEVELOPERS OF THE EP

Members of the Employers' Council for the " Computer Science" EP	Kyzylorda Region Police Department Deputy Head for Digitalization Ibadulla S.I.
Major employers	Director of the Municipal State Institution “Center of Information Technologies” of the Akimat of Kyzylorda Region Karaev K.K.
Members of the Academic Council among employers	-
Key educational institutions, enterprises with which cooperation is carried out within the framework of the EP	Kyzylorda Region Police Department Deputy Head for Digitalization Ibadulla S.I.
Branch offices of the department	Head of the Information Technology Department of the Kyzylorda Production Branch of JSC “QAZAQGAZ AIMAQ” — Sarbalaev Almat Umirzakovich

2. MAIN GOALS OF EDUCATIONAL PROGRAM DEVELOPMENT

Strategic direction 1. *Expanding access to university educational services*

<i>№</i>	Result indicators (share, percentage, number)	Change unit	2025	2026	2027	2028	2029
1.	Student contingent	people	8	10	17	20	23
2.	Student contingent after secondary technical education. Vocational or secondary education (accelerated education)	people	-	-	-	-	-
3.	Student contingent after higher education	people	-	-	-	-	-
4.	Admission to full-time education, 4 years	people					
5.	Admission to accelerated education (3 years, 4 years)	people					
6	Exit	people				5	4

Strategic direction 2. *Innovative safety education activities*

<i>№</i>	Result indicators (share, percentage, number)	Change unit	2025	2026	2027	2028	2029
1.	Results of the rating of OP NCE Atameken	place					
2.	Accreditation of the OP	fact					
3.	Development of an educational program with the participation of large companies, national companies, government agencies, associations, and employers	fact	1	1	1	1	1
4.	Updating the OP to meet labor market	fact					

	requirements						
5.	The number of specialists in the relevant field involved in the educational process	people	1	1	1	2	2
6.	The share of teaching staff with an academic degree in the educational program	%	57.1	59	60	61	62
7.	Number of faculty members who have completed advanced training courses in the subject area	people	3	5	6	6	7
8.	The share of graduates of the educational program who are employed in the first year after completing their studies (from the total number of graduates)	%					4
9.	Percentage of university graduates participating in the assessment of the quality of educational services (full-time education)	%					100
10.	Number of employers participating in the assessment of the quality of specialist training	people	2	2	3	3	4
11.	The proportion of students participating in the assessment of the teaching activities of the teaching staff (full-time education)	%	100	100	100	100	100
12.	The proportion of graduates who passed the NKT threshold score (only for pedagogical specialties)	%	-	-	-	-	-
13.	Number of MOOCs developed by faculty members	unit	1	1	2	3	3
14.	The share of those admitted to higher education institutions who have the Altyn Belgi badge, winners of international Olympiads and scientific project competitions of the last three years, winners of the presidential and republican Olympiads and scientific project competitions of the current academic year (awarded first, second and third degree diplomas) from their total number	%	-	1	1	2	2

Strategic direction 3. *International cooperation and internationalization*

<i>Nº</i>	Result indicators (share, percentage, number)	Change unit	2025	2026	2027	2028	2029
1.	Interuniversity partnership within the framework of the EP: Double-degree EPs	unit	1	1	1	1	1
	with a foreign university	unit	1	1	1	1	1
	with a Kazakhstan university	unit	-				
2.	Number of subjects taught in English according to the EP	unit					
3.	Number of EP students participating in the Outward Eastern Academic Mobility Program	people		1	1	2	2
4.	Number of EP students participating in the Inward Eastern Academic Mobility Program	people		1	1	2	2
5.	Number of faculty members participating in the internal Eastern Academic Mobility Program	people	1	1	2	2	2
6.	Number of faculty members participating in the internal outgoing academic mobility program	people		1	1	1	1
7.	Number of faculty members participating in the internal incoming academic mobility program	people		1	1	1	1
8.	Number of invited foreign scholars	people	-	1	5	5	5
9.	Number of faculty members participating in the external outgoing academic mobility program		-	1	1	1	1
10.	Number of faculty members teaching in English						

Strategic direction 4. *Development of an innovative ecosystem*

<i>Nº</i>	Result indicators (share, percentage, number)	Change unit	2025	2026	2027	2028	2029
1.	Number of faculty members involved in educational and research projects	people	-	1	2	2	2
2.	Number of faculty members involved in basic and applied research	people	1	2	2	3	4
3.	Number of publications in journals included in the 1st, 2nd and 3rd quartiles according to Journal Citation Reports provided by Clarivate Analytics or with a percentage score in the Scopus database according to CiteScore	unit	1	2	2	3	4

4.	Number of publications of scientific articles by doctoral students in journals with a non-zero impact factor included in the databases ThomsonReuters/Scopus	unit	1	1	1	2	2
5	Number of scientific projects implemented within the framework of international cooperation	unit	-	-	1	1	1
6	Number of publications in publications recommended by the CCSON	unit	2	3	4	5	5
7	Number of student publications	unit	1	2	2	3	3
8	Number of students participating in scientific research	people	1	2	2	3	4
9	Number of students participating in scientific competitions	people	1	2	2	3	4
10	Number of students participating in republican olympiads	people	-	1	1	2	2

Strategic directions 5. Modernization of infrastructure

№	Result indicators (share, percentage, number)	Change unit	2025	2026	2027	2028	2029
1	Development of computer park	unit	15	15	17	20	20
2	Purchase of software	unit	2	2	3	3	3
3	Purchase of laboratory equipment, etc.	unit	2	2	2	3	3
4	Replenishment of library stock (specialized literature)	unit	20	21	22	24	25
5	Purchase of furniture	unit	2	2	3	3	5

3. RISK MANAGEMENT

The OP may face a number of risks that hinder the achievement of the goal and the achievement of target indicators.

The name of the risks that may affect the achievement of the goal	Risk management measures
Outflow of applicants to other regions of the country and to near and far abroad	– expansion and intensification of career guidance activities; – opening representative offices in near and far abroad countries.
Increased competition in the educational services market from universities offering	– strengthening career guidance activities among school and college students, covering other regions of Kazakhstan and neighboring

related specialties	countries.
Lack of qualified scientific and pedagogical staff	– launching new educational programs at the university; – training specialists at domestic and foreign universities; – developing a personnel reserve; – improving the motivation system for teaching staff and providing a social benefits package.
Untimely development of innovative educational programs	– organizing and conducting training seminars for educational program developers jointly with employers; – providing developers with professional standards, guidelines, methodological recommendations, and other documentation to ensure high-quality program design.
Decline in the quality of educational services	– developing educational programs in accordance with approved professional standards; – broad involvement of stakeholders in program development; – studying stakeholders' interests, demands, and needs; – conducting expert evaluation of educational programs; – organizing training seminars and professional development courses for teaching staff to enhance pedagogical skills; – improving the material and technical base.
Decrease in the relevance of transmitted knowledge	– establishing continuous feedback with students during and outside of class hours; – inviting industry professionals and foreign lecturers to deliver lectures and conduct master classes.

Head of the EP  Konyrbaev N.B.