Ministry of Science and Higher Education of the Republic of Kazakhstan

Korkyt Ata Kyzylorda University Public Joint Stock Company

DEVELOPMENT PLAN

educational program

6B06149 – Information systems

For 2026-2030

Kyzylorda, 2026

Approved by the Academic Quality Committee of
the Institute of Engineering and Technology

Protocol No. 8, dated "17" 04 2026

Committee Chairman: V.B. Abzhalelov

«Considered at the meeting of the Educational Program
in "Computer Science"»

Protocol No. 10, dated "15" 04 2026

Head of the
Educational Program: N.B. Konyrbayev

1. DEVELOPERS OF THE EP

Members of the Employers' Council for the "Information Systems" EP	"Center for Information Technologies" of the Kyzylorda region akimat.
Major employers	Kyzylorda region Digital technologies Management Kyzylordatranstelecom branch Transtelecom JSC
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 Digital technologies Management Kyzylordatranstelecom branch Transtelecom JSC
Branch offices of the department	"Center for Information Technologies" of the Kyzylorda region akimat. "Grand Master" programming school

2. MAIN GOALS OF EDUCATIONAL PROGRAM DEVELOPMENT

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

№	**Result indicators (share, percentage, number)**	**Change unit**	**2026**	**2027**	**2028**	**2029**	**2030**
1.	Student contingent	people	209	220	230	235	240
2.	Student contingent after secondary technical education. Vocational or secondary education (accelerated education)	people	31	32	34	36	40
3.	Student contingent after higher education	people	-	5	8	10	12
4.	Admission to full-time education, 4 years	people	40	45	47	49	53
5.	Admission to accelerated education (3 years, 4 years)	people	-	6	9	10	12
6	Exit	people	28	31	57	60	65

Strategic direction 2. ***Innovative safety education activities***

№	**Result indicators (share, percentage, number)**	**Change unit**	**2026**	**2027**	**2028**	**2029**	**2030**
1.	Results of the rating of the EP NPP	place					

	"Atameken"						
2.	Accreditation of the EP	fact	2024				
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.	Update of the EP taking into account the requirements of the labor market	fact	+	+	+	+	+
5.	Number of relevant specialists involved in the educational process	people	3	3	4	5	5
6.	Proportion of teaching staff with scientific degrees in higher education institutions	%	35	40	42	45	50
7.	Number of teaching staff who have completed advanced training courses in their subject area	people	2	5	5	8	10
8.	Number of teaching staff whose teaching staff is focused on improving the level of foreign language proficiency	%	73	78	84	89	90
9.	The share of graduates of the Higher Education Institutions who were employed in the first year after graduation (out of the total number of graduates)	%	100	100	100	100	100
10.	The share of graduates of higher education institutions participating in the assessment of the quality of educational services (full-time form of study)	people	3	3	4	4	4
11.	The number of employers participating in the assessment of the quality of specialist training	%	100	100	100	100	100
12.	The share of students participating in the assessment of the pedagogical activity of the pedagogical team (full-time form of study)	%	-	-	-	-	-
13.	The share of graduates who passed the UNT cut-off score (only for pedagogical specialties)	unit	3	6	10	15	20
14.	The number of MOOCs developed by teachers of the WB	%	10	12	15	17	20

Strategic direction 3. ***International cooperation and internationalization***

№	Result indicators (share, percentage, number)	Change unit	2026	2027	2028	2029	2030
1.	Interuniversity partnership within the framework of the Bachelor's degree:	unit	-	1	1	1	1
	Double-degree Bachelor's degree	unit	-	1	1	1	1
	with a foreign university	unit	-	1	1	1	1
2.	Number of subjects taught in English according to the EP	unit	4	6	7	8	8
3.	Number of EP students participating in the Outward Eastern Academic Mobility Program	people	1	1	1	1	1
4.	Number of EP students participating in the Inward Eastern Academic Mobility Program	people	1	1	1	2	2
5.	Number of faculty members participating in the internal Eastern Academic Mobility Program	people	1	1	1	1	1
6	Number of participating foreign scholars	people	1	1	1	1	1
7.	Number of faculty members teaching in English	people	1	1	1	1	1
8.	Foreign scholars	people	1	1	1	2	2

Strategic direction 4. ***Development of an innovative ecosystem***

№	Result indicators (share, percentage, number)	Change unit	2026	2027	2028	2029	2030
1.	Number of faculty members involved in educational and research projects	people	2	2	3	3	3
2.	Number of faculty members involved in basic and applied research	people	4	4	4	4	4
3.	Number of publications in journals included in the 1st, 2nd and 3rd quartiles according to JournalCitation Reports provided by ClarivateAnalytics or with a percentage score in the Scopus database according to CiteScore	unit	5	5	8	6	7
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	1	1

5	Number of scientific projects implemented within the framework of international cooperation	unit	1	1	1	2	2
6	Number of publications in publications recommended by the CCSON	unit	4	5	5	6	6
7	Number of student publications	unit	3	4	6	7	7
8	Number of students participating in scientific research	people	3	2	4	5	5
9	Number of students participating in scientific competitions	people	2	3	3	4	4
10	Number of students participating in republican olympiads	people	3	2	2	2	3

Strategic directions 5. ***Modernization of infrastructure***

№	Result indicators (share, percentage, number)	Change unit	2026	2027	2028	2029	2030
1	Development of computer park	unit	15	17	20	20	25
2	Purchase of software	unit	2	2	3	3	4
3	Purchase of laboratory equipment, etc.	unit	2	2	3	3	4
4	Replenishment of library stock (specialized literature)	unit	18	20	20	20	25
5	Purchase of furniture	unit	2	3	5	6	6

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
The outflow of applicants to other regions of the country and to countries near and far abroad	- expansion and activation of career guidance work; - opening of representative offices in the countries of the near and far abroad
Increased competition in the market of educational services from universities in related specialties	- strengthening career guidance among students of schools and colleges, coverage of other regions of Kazakhstan and neighboring countries
Lack of qualified scientific and pedagogical staff	- opening of new educational programs at the university; - training of specialists in domestic and foreign universities; - preparation of the personnel reserve;

	- improvement of the teaching staff motivation system and provision of a social package; - invitation of qualified teaching staff within the framework of the academic mobility program; - increasing the number of branches of departments in production in order to attract experienced specialists to the educational process
Untimely development of innovative educational programs	-organization and holding of training seminars for developers of educational programs together with employers; -providing developers of educational programs with professional standards, instructions, guidelines and other documentation on the preparation of high-quality educational programs; -activation of the effective work of Academic Councils in the areas of personnel training.
Decrease in the quality of educational services	- development of educational programs in accordance with approved professional standards; - wide involvement of stakeholders in the development of educational programs; - studying the interests, requests, and needs of stakeholders; -conducting an expert assessment of educational programs; -organization and holding of training seminars, advanced training courses for teaching staff to improve pedagogical skills; -improvement of the material and technical base; -conducting sociological surveys among students and teachers about the quality of educational services and ways to improve it; -organization of focus groups to study the quality of educational services; -functioning of Academic Councils, Quality Committees
Reducing the relevance of broadcast knowledge	-organization of feedback with students in classroom and extracurricular time on an ongoing basis; -inviting production specialists, foreign teachers to give lectures, conduct master classes,

Head of the EP N.B. Konyrbayev