

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 2024-2029

Kyzylorda, 2024

APPROVED

at a meeting of the Academic Council on educational areas

Protocol № 8 « 21 » 04 2024 y

Chairman  B.B. Abzhalelov

REVIEWED

at a meeting of the Department of Computer Science

Protocol № 9 « 19 » 04 2024 y

Head of the educational program  N.B. Konyrbaev

BASIS FOR DEVELOPING THE EDUCATIONAL PROGRAM PLAN:

Korkyt Ata University Strategic Development Plan for 2024-2029

1. DEVELOPERS OF THE EP

Members of the Employers' Council for the " Computer Science" EP	Ibadulla S.I., Director of the "Center for Information Technologies" of the Kyzylorda region akimat.
Major employers	"Information Technology Center" of the Department of Digital Technologies of Kyzylorda region KMU Information Technology Department of the Kyzylorda Production Branch of "KazTransGasAimak" JSC
Members of the Academic Council among employers	-
Key educational institutions, enterprises with which cooperation is carried out within the framework of the EP	"Center for Information Technologies" of the Kyzylorda regional akimat. Information Technology Department of the Kyzylorda Production Branch of "KazTransGasAimak" 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*

<i>№</i>	Result indicators (share, percentage, number)	Change unit	2024	2025	2026	2027	2028
1.	Student contingent	people	112	131	135	140	142
2.	Student contingent after secondary technical education. Vocational or secondary education (accelerated education)	people	4	7	10	11	
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					4

Strategic direction 2. *Innovative safety education activities*

<i>№</i>	Result indicators (share, percentage, number)	Change unit	2024	2025	2026	2027	2028
2.	Results of the rating of the EP NPP "Atameken"	place					

3.	Accreditation of the EP	fact					
4.	Development of an educational program with the participation of large companies, national companies, government agencies, associations and employers	fact	1	1	1	1	1
5.	Update of the EP taking into account the requirements of the labor market	fact					
6.	Number of relevant specialists involved in the educational process	people	1	1	1	2	2
7.	Proportion of teaching staff with scientific degrees in higher education institutions	%	40	42	44	45	48
8.	Number of teaching staff who have completed advanced training courses in their subject area	people	2	3	5	6	7
9.	Number of teaching staff whose teaching staff is focused on improving the level of foreign language proficiency	%					4
10.	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
11.	The share of graduates of higher education institutions participating in the assessment of the quality of educational services (full-time form of study)	people	2	2	3	3	4
12.	The number of employers participating in the assessment of the quality of specialist training	%	100	100	100	100	100
13.	The share of students participating in the assessment of the pedagogical activity of the pedagogical team (full-time form of study)	%	-	-	-	-	-
14.	The share of graduates who passed the UNT cut-off score (only for pedagogical specialties)	unit	1	2	2	3	3
15.	The number of MOOCs developed by teachers of the WB	%	-	1	1	2	2

Strategic direction 3. *International cooperation and internationalization*

<i>Nº</i>	Result indicators (share, percentage, number)	Change unit	2024	2025	2026	2027	2028
1.	Interuniversity partnership within the framework of the Bachelor's degree:	unit	1	1	1	1	1
	Double-degree Bachelor's degree	unit	1	1	1	1	1
	with a foreign 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 participating foreign scholars	people		1	1	1	1
7.	Number of faculty members teaching in English	people		1	1	1	1
8.	Foreign scholars	people	-	1	5	5	5

Strategic direction 4. *Development of an innovative ecosystem*

<i>Nº</i>	Result indicators (share, percentage, number)	Change unit	2024	2025	2026	2027	2028
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 JournalCitation Reports provided by ClarivateAnalytics 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	2024	2025	2026	2027	2028
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

6. 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;
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
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;
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 department



N.B. Konyrbaev