MINISTRY OF SCIENCE AND HIGHER EDUCATION OF THE REPUBLIC OF KAZAKHSTAN
NJSC KORKYT ATA KYZYLORDA UNIVERSITY

DEVELOPMENT PLAN
educational programs 7M06303 - " Cybersecurity”
for 2026-2029

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. **EP.Developers**

Members of the Employers' Council on OP- Computer Science	Director of the Information Technology Center of the Akimat of Kyzylorda region Ibadulla S.I.
Main employers	Economical investigate department of the Kyzylorda region
Members of the Academic Council among employers	-
The main educational institutions and enterprises with which cooperation is carried out within the framework of the EP	KSU "Information Technology Center" of the Department of Digital Technologies of the Kyzylorda region Information Technology Department of Kyzylorda Production Branch of KazTransGazAimak JSC
Branches of the department	"Information Technology Center" of the Akimat of Kyzylorda region The "Grand Master" Programming School

2. THE MAIN OBJECTIVES OF THE EDUCATIONAL PROGRAM DEVELOPMENT

Strategic direction 1. Expanding access to university educational services

№	Performance Indicators (Share, Percentage, Number)	Measurement units	2026	2027	2028	2029
1.	The contingent of students	person		10	12	15
2	Release		-	-	-	8

Strategic direction 2. Innovative provision of educational activities

№	Performance indicators (share, percentage, quantity)	Measurement units	2026	2027	2028	2029
1	The results of the rating of the EP NPP Atameken	place				
2	Accreditation of the EP	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

4	Updating the EP taking into account the requirements of the labor	fact	+	+	+	+
5	The number of specialists involved in the educational process in the relevant industry	person		2 (Медиев Р.А., Сайманов И.)	2 (Медиев Р.А., Сайманов И.)	2 (Медиев Р.А., Сайманов И.)
6	The share of teaching staff with an academic degree in EP	%	85	88	90	90
7	The number of teaching staff who have completed advanced training courses in the subject area	person		5 (Қоңырбаев Н.Б., Даутбаева А.О., Айтимов М.Ж.,)	6 (Айтимов М.Ж.,Адранова А.Б., Абильдаева Ж.Т)	6 (Айтимов М.Ж., Адранова А.Б., Абильдаева Ж.Т)
8	The number of teaching staff aimed at improving the level of foreign language proficiency	person		3	5	6
9	The share of graduates of the educational institution employed in the first year after graduation (of the total number of graduates)	%				100/100
10	The proportion of university graduates participating in the assessment of the quality of educational services (full-time education)	100				100
11	The number of employers involved in the assessment of the quality of professional training	person			6	6
12	The proportion of	%	100	100	100	100

	students participating in the assessment of teaching activities of teaching staff (full-time education)					
13	The proportion of graduates who have passed the NCT threshold score (only for pedagogical specialties)	%	-	-	-	-
14	The number of MOOCs developed by the teachers of the EP	units		2	5	5
15	The share of applicants to universities with the "Altyn Belgi" marks, winners of international Olympiads and competitions of scientific projects of the last three years, winners of the presidential, republican Olympiads and competitions of scientific projects of the current academic year (awarded with diplomas of the first, second and third degrees) from their total number	%	-	-	-	-

Strategic direction 3. International cooperation and internationalization

№	**Performance indicators (share, percentage, quantity)**	**Measurement units**	**2026**	**2027**	**2028**	**2029**
1.	Interuniversity partnership within the framework of the: Double-degree courses	units	-	-	-	
	with a foreign university	units	-	-	-	
	with a Kazakh university	units	-	-	-	
2.	The number of subjects in English	units	-	-	1	1

	by DEFINITION					
3.	The number of students participating in the external outgoing academic mobility program	person	-	1	2	2
4.	The number of students participating in the internal outgoing academic mobility program	person	-	1	1	1
5.	The number of teaching staff participating in the internal outgoing academic mobility program	person	-	1	1	1
6.	The number of foreign scientists involved	person	2	2	2	2
7.	The number of teaching staff teaching in English	person	1	1	1	1

Strategic direction 4. Development of the innovation ecosystem

№	**Performance indicators (share, percentage, quantity)**	**Measurement units**	**2026**	**2027**	**2028**	**2029**
1.	The number of teaching staff participating in educational and research projects	person	3 (Қоңырбаев Н.Б. Даутбаева А.О., Адранова А.Б)	3 (Қоңырбаев Н.Б. Даутбаева А.О., Адранова А.Б)	3 (Қоңырбаев Н.Б. Даутбаева А.О., Адранова А.Б)	2
2.	The number of teaching staff involved in the implementation of fundamental and applied research	person	3	3	2	2
3.	The number of publications in publications included in quartiles 1, 2 and 3 according to the Journal Citation Reports of Clarivateanalytics or those with a CiteScore percentile indicator in the Scopus	units	3 (Даутбаева А.О., Турешбаев А.Т., Конырбаев Н.Б.)	4 (Даутбаева А.О., Турешбаев А.Т., Конырбаев Н.Б., Абильдаева Ж.Т.)	4 (Даутбаева А.О., Адранова А.Б, Конырбаев Н.Б., Абильдаева Ж.Т.)	4 (Конырбаев Н.Б., Даутбаева А.О., Айтимов Ж.Т., Абильдаева Ж.Т.)

	database					
4.	The number of publications of doctoral students' scientific articles in journals with a non-zero impact factor included in databases Thomson Reuters/Scopus	units	-	-	-	-
5.	The number of research projects carried out within the framework of international cooperation	units	1 (Конырбаев Н.Б.)	1	1	1
6.	The number of publications in publications recommended by the CCSON	units	-	3	3	3
7.	Number of students' publications	units	-	5	6	7
8.	The number of students taking part in scientific research	person	-	2	2	2
9.	The number of students taking part in scientific competitions	person	-	2	2	2
10	The number of students taking part in the republican Olympiads	person	-	1	1	1

Strategic directions 5. Modernization of infrastructure

№	Performance indicators (share, percentage, quantity)	Measurement units.	2026	2027	2028	2029

1	Development of a computer park		15 (monoblocks)	30	30	30
2	Purchase of software		-	1	2	2
3	Purchase of laboratory equipment, etc.		1	1	1	1
4	Replenishment of the library fund		27	30	32	32
5	Purchase of furniture		25 (table, chair)	25(table, chair)	15	15

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