

Approving
Director of the O.A. Baikonurov Mining
and Metallurgical Institute

K.B. Rysbekov
« 15 » 10 2024 y.

EDUCATIONAL PROGRAM DEVELOPMENT PLAN
DEPARTMENTS OF METALLURGY AND MINERAL
PROCESSING
for 2024-2027

9	Creation of effective mechanisms for interaction between educational organizations, scientific institutions and enterprises of the real sector of the economy to ensure the training of specialists	The number of contracts concluded with employers to provide production practice bases	Quantity	5	5	7	7
10		Coordination with employers of the relevance of the content of EP disciplines	%	2	2	2	2
11		Number of branches of departments established in production	Quantity	1	1	1	2
12		The proportion of students participating in student government and youth organizations (creative, scientific, sports, etc.)	%	5	5	7	7
		Percentage of settled teaching staff	%	88	92	95	95
		Percentage of teaching staff who completed advanced training	%	90	90	92	95
Objective: Transformation of Satbayev University into a Digital University							
13	Formation of a modern academic and research infrastructure digital ecosystem	To upgrade the scientific equipment fleet from the total number of scientific equipment	%	10	15	15	20
14		The share of scientific laboratories for the development and implementation of fundamental and applied programs aimed at ensuring the integration of education, science and production	%	5	5	7	8
15	Diversification by various sources of income and investments, formation of its own stable financial base. Expanding public-private partnerships and attracting private investment in education	The share of scientific activity financing from the total university funding	%	15	15	20	30
16		Creation of an endowment fund for the university with financial resources of at least 1% of the university's funding	Fund	0	0	0	1

17		The number of student education contracts signed at the expense of private investments	Quantity	1	1	2	3
Objective: Advanced scientific research and development of the research ecosystem in the context of global challenges and national interests							
18	Strengthening the intellectual potential of education and science	The number of teachers who speak English at a level sufficient for conducting scientific and educational activities	Quantity	1	2	2	3
19		Increasing the number of dissertation councils in the field of	Quantity	1	1	2	2
20		Number of heads of departments who have completed advanced training and retraining in the field of education management (total)	Quantity	1	1	1	1
21	Improving the effectiveness of scientific research and ensuring integration into the global scientific space	The number of ongoing scientific projects funded from the state budget	Quantity	8	10	12	13
22		The number of projects that have received funding aimed at commercializing research results per year	Quantity	1	1	2	2
23		Total number of accredited research laboratories	Quantity	0	1	2	2
24		Creation of large laboratory centers in specialized scientific fields	Quantity	1	2	2	3
25		Number of patents received/maintained	Quantity	1	1	2	2
27		The number of scientific research results introduced into the educational process	Quantity	1	1	2	2
28		The share of teaching staff engaged in scientific research from the total number	%	50	50	55	57
29		The share of publications by undergraduate, graduate, and doctoral students from the total number of students		15	20	22	23

			%				
30		Number of textbooks, teaching aids, and monographs published	Quantity	2	2	3	4
31		Percentage of teaching staff with publications in scientific journals with a non-zero impact factor	%	15	15	20	22
Objective: To introduce a new model of the university's organizational architecture							
32	Collaboration of mutually beneficial local and international partnerships with organizations and companies, in order to gain recognition on the world stage of education and research	Increase in the share of foreign teaching staff	%	0	5	5	8
33		Cooperation agreement with regional and foreign universities and enterprises	Quantity	1	1	2	2
34		Number of double-degree, joint educational programs	Quantity	1	1	2	2

M.B. Barmenshinova



Head of the Department of Metallurgy and Mineral Processing

Discussed at the meeting of the department "MaMPI »
Protocol №3 dated October 15, 2024.