



**Mining and Metallurgical Institute named after O.A. Baikonurov  
Department of «Metallurgy and Mineral Processing»**

**EDUCATIONAL PROGRAM**

**8D07212 Metallurgical Engineering**

Code and classification of the field of education:	8D07 Engineering, manufacturing and construction industries
Code and classification of training areas:	8D072 Industrial and manufacturing branches
Group of educational programs:	D117 Metallurgical engineering
The level of the NRK:	8
ORC Level:	8
Duration of training:	3 years
Volume of loans:	180

**Almaty 2025**







The educational program 8D07212 Metallurgical engineering was approved at the meeting of K.I. Satbayev KazNRTU Academic Council

Protocol № 4 dated « 12 » 12 2024.

was reviewed and recommended for approval at the meeting of K.I. Satbayev KazNRTU Educational and Methodological Council

Protocol № 3 dated « 20 » 12 2024.

Educational program 8D07212 Metallurgical engineering was developed by Academic committee based on direction of 8D072 Industrial and manufacturing branches

Full name	Academic degree/ Academic title	Position	Workplace	Signature
<b>Chairperson of Academic Committee:</b>				
Barmenshinova M.B.	c.t.s., associate professor	Head of the Department of MaMP	KazNRTU named after K.I.Satpaeva	
<b>Teaching staff:</b>				
Baimbetov B.S.	c.t.s., docent	Professor of the Department of MaMP	KazNRTU named after K.I.Satpaeva	
Dosmukhamedov N.K.	c.t.s., professor	Professor of the Department of MaMP	KazNRTU named after K.I.Satpaeva	
Mamyrbayeva K.K.	PhD doctor	Associate professor of the Department of MaMP	KazNRTU named after K.I.Satpaeva	
<b>Employers:</b>				
Ospanov Y.A.	d.t.s.	Head of the Department of complex processing of technogenic law materials	«Kazakhmys Corporation» LLP	
<b>Students:</b>				
Dauletbakova A.A.	master of technical sciences	1st year doctoral student	KazNRTU named after K.I.Satpaeva	

### General information

№	Field name	Note
1	Code and classification of the field of education	8D07 Engineering, manufacturing and construction industries
2	Code and classification of training areas	8D072 Industrial and manufacturing branches
3	Group of educational programs	D117 Metallurgical Engineering
4	Name of the educational program	8D07212 Metallurgical Engineering
5	Brief description of the educational program	The educational program for the preparation of a doctor in the profile involves fundamental educational, methodological and research training, experimental research work in the relevant field of professional activity in metallurgical engineering.
6	Goal EP	training of doctors in the field who have professional knowledge about the production of non-ferrous, ferrous, rare and precious metals and their compounds using the latest devices and technologies, who have an understanding of planning and organizing experimental research, statistical processing of research results, and also take into account the principles of sustainable development, such as the rational use of natural resources, reducing negative impacts. the impact of metallurgy on the environment and the introduction of energy-efficient technologies.
7	View EP	New
8	The level of the NQF	8
9	Software level ORC	8
10	Distinctive features of the EP	no
11	Form of training	Full - time
12	Duration of training	3 years
13	Volume of loans	180
14	Languages of instruction	Kazakh, Russian, English
15	Academic degree awarded	Doctorate of Industry
16	Developer and author:	Barmenshinova M.B.