



Mining and Metallurgical Institute named after O.A. Baikonurov

Department of Metallurgy and Mineral Processing

EDUCATIONAL PROGRAM

8D07204 Metallurgical engineering

Code and classification of the field of education	8D07 Engineering, manufacturing and construction industries
Code and classification of training directions	8D072 Industrial and manufacturing branches
Educational program group	D117 Metallurgical engineering
The level based on NQF	8
The level based on IQF	8
Period of training	3 years
Amount of credits	180

Almaty 2025


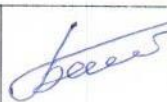

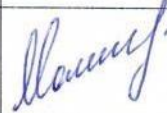
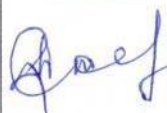

The educational program 8D07204 Metallurgical engineering was approved at the meeting of K.I. Satbayev KazNRTU Academic Council

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 8D07204 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
Chairperson of Academic Committee:				
Barmenshinova M.B.	c.t.s., associate professor	Head of the Department of MaMP	KazNRTU named after K.I.Satpaeva	
Teaching staff:				
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	
Employers:				
Ospanov Y.A.	d.t.s.	Head of the Department of complex processing of technogenic law materials	«Kazakhmys Corporation» LLP	
Students:				
Dauletbaikova A.A.	master of technical sciences	1st year doctoral student	KazNRTU named after K.I.Satpaeva	

General information

№	Field name	Comments
1	Code and classification of the field of education	8D07 Engineering, manufacturing and construction industries
2	Code and classification of training directions	8D072 Industrial and manufacturing branches
3	Educational program group	D117 Metallurgical Engineering
4	Educational program name	8D07204 Metallurgical engineering
5	Short description of educational program	The educational program 8D07204 Metallurgical Engineering includes fundamental, natural science, general engineering and professional PhD training in the field of metallurgical engineering in accordance with the development of science and technology, as well as the changing needs of the mining and metallurgical and mining processing industries.
6	Purpose of EP	training of highly qualified specialists with core competencies in solving organizational and production tasks in the implementation of innovative projects in the field of metallurgy; training of personnel for the innovative economy in metallurgy, covering modern energy-saving technologies, design activities, innovative solutions, entrepreneurship in the high-tech sector; training of specialists capable of developing and implementing environmentally friendly and resource-saving technologies in metallurgy within the framework of ESG and Sustainable Development Goals.
7	Type of EP	New
8	The level based on NQF	8
9	The level based on IQF	8
10	Distinctive features of EP	no
11	Education form	Full-time
12	Period of training	3 years
13	Amount of credits	180
14	Languages of instruction	Kazakh, Russian, English
15	Academic degree awarded	Doctor of Philosophy PhD
16	Developers and authors:	Barmenshinova M.B., Chepushtanova T.A.