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 2026

The Educational Program 8D07212 - Metallurgical Engineering was approved at the meeting of the Management Board of Satbayev University
Minutes No. _5__ dated «_10_» __03__2026

Reviewed and recommended for approval at the meeting of the Educational and Academic Council of K.I. Satbayev Kazakh National Research Technical University
Minutes No. _8__ dated «_26_» __02__2026

Reviewed and recommended for approval at the meeting of the Educational and Methodological Council of K.I. Satbayev Kazakh National Research Technical University
Minutes No. _3__ dated «_25_» __12__2025.

The Educational Program 8D07212 - Metallurgical Engineering was reviewed and developed at the meeting of the Academic Committee of «Manufacturing and processing industries»
Minutes No. _4__ dated «_28_» __11__2025.

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 - Manufacturing and processing industries
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 of metallurgical engineering, capable of developing and implementing efficient, resource-saving and environmentally friendly technologies for the production of non-ferrous, rare and precious metals, as well as creating innovative processes and products based on the principles of sustainable development, "green" and circular metallurgy, ensuring the competitiveness of the industry.
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	Doctor of Industry
15	Developer and author:	Barmenshinova M.B.