NCJS «KAZAKH NATIONAL RESEARCH TECHNICAL UNIVERSITY
named after K.I.SATBAYEV»

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 2026

The Educational Program 8D07204 - 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 8D07204 - Metallurgical engineering was reviewed and developed at the meeting of the Academic Committee
Minutes No. _4__ dated «_28_» __11__2025.

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 Doctors of Philosophy (PhD) capable of conducting fundamental and applied research in the field of metallurgical engineering, developing and implementing innovative, resource-saving, and environmentally safe technologies for integrated raw material processing, metal extraction, and production of new materials, ensuring sustainable development and competitiveness of the metallurgical industry.
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.