Mining and Metallurgical Institute named after O.A. Baikonurov

Department of "Materials Science, Nanotechnology and Engineering Physics"

EDUCATIONAL PROGRAM
8D07103 Materials Science and Engineering

Code and classification of the field of education:
8D07 Engineering, manufacturing and construction industries
Code and classification of training directions:
8D071 Engineering and Engineering affairs
Group of educational programs:
D101 Materials Science and technology of new materials

Level based on NQF: 8
Level based on IQF: **8**
Study period: 3 years
Amount of credits: **180**

Almaty 2026

The Educational Program 8D07103 Materials Science and 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 8D07103 Materials Science and Engineering was reviewed and developed at the meeting of the Academic Committee.

Minutes No. 2 dated «20» 10 , 2025.

4.1. 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	8D071 Engineering and engineering affairs
3	Educational program group	8D071 Material Science and Technology
4	Educational program name	8D07103 Materials Science and Engineering
5	Short description of educational program	The educational programme 8D07103 'Materials Science and Engineering' is the third level of qualification of the three-level system of higher education
6	Purpose of EP	The purpose of the educational program is to provide scientific and engineering training for PhD students for successfully solving the tasks of various industries related to the production and use of various materials, developing the theoretical basis for obtaining new materials and developing technological processes for the production and processing of finished products from these materials
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
13	Amount of credits	180
14	Languages of instruction	Kazakh, Russian
15	Academic degree awarded	Doctor of Philosophy (PhD).
16	Developer(s) and authors	Mutushev AlibekZhumabekovich Kakimov Ulan Kadyrkhanuly Azat Seythan Kudaibergenov Kenes Kakimovich Kemelbekova Ainagul Erzhanovna Yetish Talshyn Erbolkyzy

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