



**Mining and Metallurgical Institute named after O.A. Baikonurov
Department of Chemical Processes and Industrial Ecology**

**EDUCATIONAL PROGRAM
7M07143 Chemical technology of inorganic substances**

Code and classification of the field of education: **7M07 Engineering, manufacturing and construction industries**

Code and classification of training directions: **7M071 Engineering and engineering affairs**

Group of educational programs: **M097 Chemical Engineering and Processes**

Level based on NQF: **7**

Level based on IQF: **7**

Study period: **2**








Amount of credits: **120**

Almaty 2025



Educational program «7M07143 Chemical Technology of Inorganic substances» was approved at the meeting of K.I. Satbayev KazNRTU Academic Council Minutes # 10 dated «06» March 2025.

was reviewed and recommended for approval at the meeting of K.I. Satbayev KazNRTU Educational and Methodological Council Minutes # 3 dated «20» December 2025.

Educational program «7M07143 Chemical Technology of Inorganic substances» was developed by Academic committee based on direction «7M071 Engineering and engineering affairs»

Full name	Academic degree/ academic title	Position	Workplace	Signature
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General information

№	Field name	Comments
1	Code and classification of the field of education	7M07 Engineering, manufacturing and construction industries
2	Code and classification of training directions	7M071 Engineering and engineering affairs
3	Educational program group	M097 Chemical Engineering and Processes
4	Educational program name	7M07143 Chemical Technology of Inorganic substances
5	Short description of educational program	The EP "7M07143 Chemical Technology of Inorganic substances" is implemented by KazNTRU named after K.I. Satbayev in the direction of 7M071 training - Engineering and engineering affairs (Master) and presents a system of documentation regulating the goals, expected results, content and implementation of the educational process in the field of chemical engineering and the production of inorganic substances and materials.
6	Purpose of EP	Training of highly qualified specialists capable of performing promising innovative research in the field of production of inorganic substances and the implementation of modern technologies for the production of inorganic materials
7	Type of EP	New EP
8	The level based on NQF	7
9	The level based on IQF	7
10	Distinctive features of EP	Double diploma
11	Education form	Full-time
12	Period of training	2 year
13	Amount of credits	120 credits
14	Languages of instruction	Russian, Kazakh, English
15	Academic degree awarded	Master of Technical Sciences
16	Developer(s) and authors	Kubekova Sh.N., Kapralova V.I., Kalenova A.S., Raimbekova A.S.