



**K. Turysoff Institute of Geology, Oil, and Gas Industry**

**Department of Geological Survey,  
Prospecting and Exploration of Mineral Deposits**

## **EDUCATIONAL PROGRAM**

### **7M07206 GEOLOGY AND EXPLORATION OF SOLID MINERAL DEPOSITS**

Code and classification of the field of education: 7M07-Engineering, manufacturing, and construction sectors

Code and classification of training directions: 7M072-Manufacturing and processing sectors

Group of educational programs: M121-Geology

Level based on NQF: 7

Level based on IQF: 7

Study period: 2 years

Amount of credits: 120 credits

**Almaty 2025**






Educational program 7M07206-"Geology and exploration of solid mineral deposits"  
Was approved at the meeting of K.I. Satbayev KazNRTU Academic Council

Minutes # 10 dated «06» 03 2025.








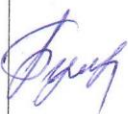
was reviewed and recommended for approval at the meeting of K.I. Satbayev  
KazNRTU Educational and Methodological Council

Minutes # 3 dated «20» 12 2014 .





Educational program 7M07206-"Geology and exploration of solid mineral deposits"  
was developed by Academic committee based on direction «7M072-Manufacturing  
and processing sectors »

Full name	Academic degree/ academic title	Position	Workplace	Signature
<b>Chairperson of the Academic Committee:</b>				
Zhunosov A.	Candidate of Geological and Mineralogical Sciences	Main scientific employee	K.I. Satpayev Institute of Geological Sciences	
<b>Teaching staff:</b>				
Baisalova A.	PhD	Associate Professor	Kazakh National Research Technical University named after K.I. Satpayev, Non-Profit Joint Stock Company	
Baibatsha A.	Doctor of Geological and Mineralogical Sciences	Professor	Kazakh National Research Technical University named after K.I. Satpayev, Non-Profit Joint Stock Company	
Arshamov Y.	Candidate of Geological and Mineralogical Sciences	Professor	Kazakh National Research Technical University named after K.I. Satpayev, Non-Profit Joint Stock Company	
Bekbotayeva B.	PhD	Professor	Kazakh National Research Technical University named after K.I. Satpayev, Non-Profit Joint Stock Company	

NON-COMMERCIAL JOINT STOCK COMPANY «KAZAKH NATIONAL RESEARCH TECHNICAL UNIVERSITY named after K.I.SATBAYEV»

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Kembayev M.	PhD	Associate Professor	Kazakh National Research Technical University named after K.I. Satpayev, Non-Profit Joint Stock Company	
Omarova G.	PhD	Associate Professor	Kazakh National Research Technical University named after K.I. Satpayev, Non-Profit Joint Stock Company	
Mamanov T.	PhD	Associate Professor	Kazakh National Research Technical University named after K.I. Satpayev, Non-Profit Joint Stock Company	
Kurmangazhina M.	PhD	Senior Lecturer	Kazakh National Research Technical University named after K.I. Satpayev, Non-Profit Joint Stock Company	
Baituha S.	PhD	Senior Lecturer	Kazakh National Research Technical University named after K.I. Satpayev, Non-Profit Joint Stock Company	
Abdullaeva T.	Master of Technical Sciences	Lecturer	Kazakh National Research Technical University named after K.I. Satpayev, Non-Profit Joint Stock Company	
<b>Employers:</b>				
Bulegenov K.	Master of Technical Sciences	Deputy Director	Republican State Institution "South Kazakhstan Interregional Department of Geology of the Committee of Geology of the Ministry of Industry	

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			and Construction of the Republic of Kazakhstan "Yuzhkaznedra"	
Kabaziev B.	Master of Technical Sciences	General Director	LLP "JV Kogadoy"	
<b>Students</b>				
Iskakova G.	-	Student	Kazakh National Research Technical University named after K.I. Satpayev, Non-Profit Joint Stock Company	
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Kazybai A.	-	Student	Kazakh National Research Technical University named after K.I. Satpayev, Non-Profit Joint Stock Company	

## 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	7M072 Manufacturing and Processing Industries.
3	Educational program group	M121 Geology
4	Educational program name	7M07206 Geology and Exploration of Solid Mineral Deposits
5	Short description of educational program	<p>The educational program is designed to provide scientific and pedagogical training for master's students in the program "Geology and Exploration of Solid Mineral Deposits" at Satbayev University and is developed within the framework of the field "Manufacturing and Processing Industries."</p> <p>At the master's level, training in the specialty "Geology and Exploration of Solid Mineral Deposits" is carried out through trajectories aimed at implementing educational programs for training personnel in the geological sector, possessing advanced technical-analytical, scientific-pedagogical, and prognostic training.</p>
6	Purpose of EP	The purpose of the educational program is to prepare masters in the field of geology and exploration of solid mineral deposits, which meets the requirements of modern high-tech production, able to carry out design and production and technological activities in this area at a high technical and scientific level, engage in organizational and managerial activities in the public and private sectors, at geological exploration, mining enterprises, the nuclear industry, work in design, education and research organizations of any form of ownership.
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	no
11	Education form	Full-time
12	Period of training	2 years
13	Amount of credits	120
14	Languages of instruction	Kazakh, Russian, English
15	Academic degree awarded	Master of technical sciences
16	Developer(s) and authors	Bekbotayeva A., Baisalova A., Zhunusov A., Kembayev M., Dauletuly A.