



**Geology and Oil -gas Business Institute named after K.Turysov
Department of "Geophysics and Seismology "**

**EDUCATIONAL PROGRAM
6B07201 Oil and gas and ore geophysics**

Code and classification of the field of education: 6B07 Engineering, Manufacturing and construction industries

Code and classification of training areas: 6B072 Industrial and manufacturing branches

Group of educational programs: B071 Mining and mineral extraction

Level based on NQF: 6

Level based on IQF: 6

Duration of study: 4 years

Volume of credits: 240

Almaty 2025






Reviewed and recommended for approval at a meeting of the Educational and Methodological Council of NJSC "Kazakh National Research Technical University named after K.I.Satpayev".

Protocol No. 10 of March 6, 2025.


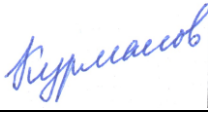



The educational program 6B07201 Oil and gas and ore geophysics was approved at the meeting of the Scientific Council of NJSC "Kazakh National Research Technical University named after K.I.Satpayev".

Protocol No. 3 of December 20, 2024.

The educational program 6B07201 Oil and gas and ore geophysics was developed by the academic committee in the field of training: 6B072 "Manufacturing and processing".

Full name	Academic degree/ academic title	Position	Workplace	Signature
Teaching staff:				
Ratov Boranbay Tovbasarovich	Doctor of Technical Sciences	Head of the Department of "Geophysics and Seismology "	NJSC "Kazakh National Research Technical University named after K.I.Satpayev"	
Abetov Auez Egemberlyevich	Doctor of Geological and Mineralogical Sciences	Professor	NJSC "Kazakh National Research Technical University named after K.I.Satpayev"	
Umirova Gulzada Kubashevna	Doctor of PhD	Associate Professor	NJSC "Kazakh National Research Technical University named after K.I.Satpayev"	
Togizov Kuanysh Serikkhanovich	Doctor of PhD	Professor	NJSC "Kazakh National Research Technical University named after K.I.Satpayev"	
Aliakbar Madiyar Manarbekuly	Master of Technical Sciences	Senior lecturer	NJSC "Kazakh National Research Technical University named after K.I.Satpayev"	
Employers:				

NON-PROFIT JOINT STOCK COMPANY
 “KAZAKH NATIONAL RESEARCH TECHNICAL UNIVERSITY NAMED AFTER K.I. SATBAYEV”

Khitrov Dmitry Mikhailovich	Candidate of Technical Sciences	Manager of the company's data processing center	«PGS Kazakhstan LLP»	
Kurmanov Baurzhan Koptleuovich	Master of Technical Sciences	General manager	OPTIMUM Design Institute LLP	
Students				
Daurbayeva Gulbanu Khamitovna	Master of Technical Sciences	1 st year doctoral student	NJSC "Kazakh National Research Technical University named after K.I.Satpayev"	
Muzapparova Akerke Bakbergenovna	Master of Technical Sciences	1 st year doctoral student	NJSC "Kazakh National Research Technical University named after K.I.Satpayev"	
Kirsanova Ekaterina	Master of Technical Sciences	1 st year doctoral student	NJSC "Kazakh National Research Technical University named after K.I.Satpayev"	

General information

№	Field name	Comments
1	Code and classification of the field of education	6B07 Engineering, Manufacturing and construction industries
2	Code and classification of training directions	6B072 Industrial and manufacturing branches
3	Educational program group	B071 Mining and mineral extraction
4	Educational program name	6B07201 Oil and gas and ore geophysics
5	Short description of educational program	<p>Designed for specialized training of bachelors in EP 6B07201 "Oil and gas and ore geophysics" NJSC «KazNRTU named after K.I.Satpayev».</p> <p>The bachelor's training program for OP 6B07201 "Oil and gas and ore geophysics" provides:</p> <p>a) training of specialists in the field of geophysical methods of prospecting and exploration of mineral deposits;</p> <p>b) obtaining by bachelors of high-quality knowledge on the stages and rational complexes of geological and geophysical research, organization and conduct of field and borehole geological and geophysical research, processing, interpretation and modeling of the data obtained;</p> <p>c) acquisition of skills in analyzing geological and geophysical data, structuring them, classifying target objects in mineral deposits; setting and solving direct and inverse problems in the search and exploration of mineral deposits.</p>
6	Purpose of EP	<p>Training for research institutes, operators (subsurface users) and service companies of professionally educated and competent specialists who are able to effectively participate in studies of the structure of the Earth's crust and work in engineering and technical positions when conducting geological and geophysical research on prospecting, exploration and additional exploration of mineral deposits based on innovative methods and technologies (including software), using modern equipment taking into account the criteria of sustainable development, environmental and social responsibility, as well as management principles within the framework of ESG and the Sustainable Development Goals (SDGs)</p>
7	Type of EP	New
8	The level based on NQF	6
9	The level based on IQF	6
10	Distinctive features of the EP	Collaborative EP
11	Education form	full - time
12	Period of training	4
13	Amount of credits	240
14	Languages of instruction	Kazakh, russian, english
15	Academic degree awarded	Bachelor of Engineering and Technology
16	Developer(s) and authors:	Professor Abetov A.E., Associate Professor Umirova G.K.