



**Geology and Oil-gas Business Institute named after K. Turyssov  
Department of "Hydrogeology, Engineering and Oil and Gas Geology"**

**EDUCATIONAL PROGRAM  
7M07220 Oil and Gas Geology**

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

Code and classification of training areas: 7M072

Manufacturing and processing industries

Educational program group: M121

Geology Level of NRC: 7

Level of ORC: 7

Duration of study: 1.5

Number of credits: 90

**Almaty 2025**





Educational program 7M07220 Oil and Gas Geology approved at the meeting of the Academic Council of KazNTU named after K.I. Satpayev

Minutes # 10 dated «06 » 03 2025.



Reviewed and recommended for approval at a meeting of the Educational and Methodological Council of KazNTU named after K.I. Satpayev.

Minutes # 3 dated «20 » 12 2024

Educational program 7M07220 Oil and Gas Geology Developed by the Academic Committee for Production and Manufacturing Industries

Full name	Academic degree / academic title	Position	Place of work	Signature
<b>Chairman of the Academic Committee:</b>				
Paragulgov Timur Halitovich	Candidate of Geological-and Mineralogical Sciences	Director of Geology, GIS Energy LLP»	Advisor on Geology and Geophysics of RAMCO OIL LLP +7 7017600656	
<b>Faculty:</b>				
Auelkhan Yergali Satyshuly	Candidate of Technical Sciences	Associate Professor	of NAO "Kazakh National Research Technical University named after K. I. Satpayev", mobile phone: +7 707 829 01 61, y.auyelkhan@satbayev.university	
Yensepbayev Talgat Ablaevich	Candidate of Geological and Mineralogical Sciences	Professor	of NAO "Kazakh National Research Technical University named after K. I. Satpayev", mobile phone: +7 777 693 22 44, t.yensepbayev@satbayev.university	
Muratova Samal Karimbayevna	Candidate of Technical Sciences	Associate Professor	of NAO "K. I. Satpayev Kazakh National Research Technical University K.И.Сатпаева", mobile phone: +77077633534, s.muratova@satbayev.university	
<b>Employers:</b>				

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

Paragulgov Timur Halitovich	Candidate of Geological-and Mineralogical Sciences	Director of Geology, GIS Energy LLP»	Advisor on Geology and Geophysics of RAMCO OIL LLP +7 7017600656	
<b>Students</b>				
Zhakyp Aruzhan Shalkarbekkyzy	-	1-year Master's student	of NAO "Kazakh National Research Technical University named after K. I. Satpayev", mobile phone: 87077784640 aruzhanzhakyp003@gm ail.com	

## General information

№	Field name	Note
1	Code and classification of the field of education	7M07 Engineering, Manufacturing and Construction Industries
2	Code and classification of training	7M072 Mining and Processing Industries
3	Group of educational programs	M121 Geology
4	Name of the educational program	7M07220 Oil and Gas Geology
5	Brief description of the educational program	<p>Intensive training of highly qualified specialists in oil and gas geology, capable of promptly solving practical tasks at the stages of exploration, prospecting and development of oil and gas fields.</p> <p>Formed competencies:</p> <p>Geological knowledge: Systemic understanding of geological processes forming oil and gas accumulations, and confident command of basic geological exploration methods.</p> <p>Petroleum geological knowledge: Practical understanding of hydrocarbon formation, migration, and accumulation conditions for assessing petroleum potential and estimating reserves.</p> <p>Engineering and technological skills: Application of modern technologies and specialized software for solving applied problems of geological modeling and data interpretation.</p> <p>Analytical skills: Ability to perform comprehensive analysis and integration of geological data, build conceptual models, and effectively present research results.</p>
6	Purpose of the OP	The aim of the "Oil and Gas Geology" educational program is to train a highly qualified specialist in the geology of combustible minerals and in the processes of oil and gas field development, capable of performing various project, production, technological, and organizational-managerial activities at a high technical level, equipped with the knowledge and skills necessary for professional work in state, geological exploration, and oil and gas production enterprises.
7	Type of OP	New Educational Program
8	Level according to NRC	7
9	Level according to ORC	7
10	Distinctive features of EP	No
11	Form of study	full-time
12	Duration	1,5 years
13	Amount of credits	90
14	Languages of study	Russian, Kazakh, English
15	Academic degree awarded	Master of Engineering and Technology

16	Developer(s) and authors:	Yensepbayev Talgat Ablavich, Uzbekgaliev Rizakhan Khalelovich, Eskozha Bazar Atashevich
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