



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

**EDUCATIONAL PROGRAM  
8D07215 Geology and exploration of fossil fuels**

Code and classification of the field of education: 8D07 Engineering, manufacturing and construction industries

Code and classification of training areas: 8D072 Manufacturing and processing industries

Group of educational programs: D121 Geology

NRC level: 8

ORK level: 8

Duration of study: 3

Volume credits: 180

**Almaty 2025**






Educational program 8D07215 Geology and exploration of fossil fuels approved at a meeting of the Academic Council of KazNITU named after K.I. Satpayev

Protocol No. 10 of "10" 03 \_ 2025

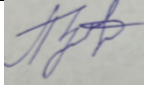
Reviewed and recommended for approval at a meeting of the Educational and Methodological Council of KazNITU named after K.I. Satpayev .

Protocol No. 3 of "20" 12\_ 2025

The educational program 8D07215 Geology and Exploration of Fossil Fuels was developed by the academic committee in the direction of " Production and Manufacturing Industries"

Full name	Academic degree/ academic title	Job title	Place of work	Signature
<b>Chairman of the Academic Committee:</b>				
Paragulgov Timur Khalitovich	Candidate of Geological and Mineralogical Sciences	Director of Geology of GIS Energy LLP	GIS Energy LLC , Geology and Geophysics Advisor, RAMCO OIL LLC, +7 7017600656	
<b>Faculty:</b>				
Auelkhan Yergali Satyshuli	Candidate of Technical Sciences	Head of the Department of Geology and Mining	JSC "Kazakh National Research Technical University named after K.I. Satpayev ", mobile phone: +77078290161, y.auyelkhan@satbayev.university	
Ensepbaev Talgat Ablaevich	Candidate of Geological and Mineralogical Sciences	Professor	JSC "Kazakh National Research Technical University named after K.I. Satpayev ", mobile phone: +77776932244, t.yensepbayev@satbayev.university	
Muratova Samal Karimbaevna	Candidate of Technical Sciences, Associate Professor	Associate Professor	JSC "Kazakh National Research Technical University named after K.I. Satpayev", mobile phone: +7 7077633534	
<b>Employers:</b>				
Paragulgov Timur Khalitovich	Candidate of Geological and Mineralogical Sciences	Director of Geology of GIS Energy LLP	GIS Energy LLC , Geology and Geophysics Advisor, RAMCO OIL LLC, +7 7017600656	
<b>Students</b>				

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

Pikirbekova Zarifa Sattarovna	-	First-year doctoral student, OP 8D07206 "Geology of Oil and Gas"	JSC "Kazakh National Research Technical University named after K.I. Satpayev ", mobile phone: +77011743054, zarifa_91.91@mail.ru	
-------------------------------------	---	---	---	---

## General information

№	Field name	Note
1	Code and classification of the field of education	8D07 Engineering, manufacturing and construction industries
2	Code and classification of training areas	8D072 Manufacturing and processing industries
3	Group of educational programs	D 121 Geology
4	Name of the educational program	8D07215 Geology and exploration of fossil fuels
5	Brief description of the educational program 8 D 07206 – Geology of Oil and Gas - Doctoral Studies	Training highly qualified research specialists in the field of oil and gas geology, capable of conducting fundamental and applied research, developing new methods for prospecting, exploration, and development of oil and gas fields. Deep understanding of geological processes: knowledge of theories of formation and evolution of oil and gas basins, methods of geological exploration and characteristics of oil and gas provinces. Experience in conducting scientific research: proficiency in field and laboratory research methods, analysis of geological data, geophysical and geochemical methods. Development and implementation of new technologies: the ability to develop and implement new technologies and methods for prospecting, exploration and development of oil and gas fields. Publication activity: the ability to publish research results in leading scientific journals and present them at international conferences. Teaching experience: ability to teach courses on oil and gas geology at universities.
6	The purpose of the OP	To train highly qualified specialists in fossil fuel geology who are capable of addressing current challenges in the geological industry and conducting scientific research, including developing software and new technologies, as well as methods for prospecting, exploration, and development of fossil fuel deposits.
7	Type of OP	New OP
8	Level according to the National Qualification Test	8
9	Level according to the ORK	8
10	Distinctive features of the OP	No
11	Form of study	Full time
12	Duration of study	3 years
13	Volume of loans	180
14	Languages of instruction	Russian, Kazakh, English
15	Awarded academic degree	Doctor of Philosophy ( PhD )
16	Developer(s) and authors:	Ensepbaev Talgat Ablaevich Muratova Samal Karimbaevna Yeskozha Bazar Atashevich

