



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

**EDUCATIONAL PROGRAM
6B05207 Geology of fossil fuels**

Code and classification of the field of education: 6B05 Natural Sciences, mathematics and statistics

Code and classification of training directions: 6B052 Environment

Group of educational programs: B052 Earth Science

Level based on NQF: 6

Level based on IQF: 6

Study period: 4

Amount of credits: 240

Almaty 2025

Educational program 6B05207 Geology of fossil fuels

code and name of educational program






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 2025 .

Educational program 6B05207 "Geology of fossil fuels" was developed by the Academic Committee in the field of "Environment"

Full name	Academic degree / academic title	Position	Place of work	Signature
Chairman of the Academic Committee:				
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Smabaeva Raigul Kulbekovna	Doctor of Philosophy (PhD)	Senior lecturer	NCJS «Kazakh national research technical university named after K.I.Satbayev», mobile phone: +77077045446, r.smabayeva@satbayev.university	
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Employers:				

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

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General information

	Field name	Comments
1	Code and classification of the field of education	6B05 Natural Sciences, Mathematics and Statistics
2	Code and classification of training directions	6B052 Environment
3	Educational program group	B052 Earth Science
4	Educational program name	6B05207 Geology of fossil fuels
5	Short description of educational program	Geology of fossil fuels-an applied science that studies the deposit of minerals, their structure, composition, formation conditions, and patterns of placement in the Earth's interior. The forecast of distribution, prospecting, evaluation and exploration of mineral deposits is also studied. Combustible minerals are one of the sources of energy,an important technological fuel in ferrous metallurgy, and are also used in the chemical industry.
6	Purpose of EP	he purpose of the educational program "Geology of Fossils Fuels" is to train bachelors in the field of geological study, prospecting and exploration works, delineation and evaluation of resources of combustible fossil deposits that meet the requirements of modern economy in the field of hydrocarbon sector.
7	Type of EP	production; research; organizational and managerial; production and technological.
8	The level based on NQF	6
9	The level based on IQF	6
10	Distinctive features of EP	No
11	Education form	full
12	Period of training	4 years
13	Amount of credits	240
14	Languages of instruction	Kazakh, Russian, English
15	Academic degree awarded	Bachelor of Natural Sciences
16	Developer(s) and authors	Yensepbaev T.A., Uzbekkaliev R.Kh., Omirzakova E.Zh. Dzharasova T. S.