



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

**EDUCATIONAL PROGRAM
7M05203-Hydrogeology and Engineering Geology**

Code and classification of the field of education: 7M05 Natural Sciences
Mathematics and Statistics

Code and classification of training directions: 7M052 Environment

Group of educational programs: M088 Hydrogeology and Engineering Geology

NRC level: 7

ORC Level: 7

Duration of training: 2 year





Amount of credits: 120

Almaty 2025


Educational program 7M05203 Hydrogeology and Engineering Geology 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 7M05203 Hydrogeology and Engineering Geology was developed by the Academic Committee in the field of "Environment"

| Full name | Academic degree/ academic title | Position | Workplace | Signature |
|--|--|---|--|---|
| Chairman of the Academic Committee: | | | | |
| Absametov Malis Kudysovich | Doctor of Geological and Mineralogical Sciences Professor | Director of the | Institute of Hydrogeology and Geocology. Akhmedsafina, mobile phone: +77078290161, igg.info@ail.ru |  |
| Faculty members: | | | | |
| Auyelkhan Yergali Satyshuly | Candidate of Technical Sciences | Head of the Department of | NCJS «Kazakh national research technical university named after K.I.Satbayev», mobile phone: +7 707 829 01 61, y.auyelkhan@satbayev.university |  |
| Zapparov Medetkhan Rasilkhanovich | Candidate of Geological and Mineralogical Sciences, Mining engineering geologist | engineering geologist associate Professor | NCJS «Kazakh national research technical university named after K.I.Satbayev», mobile phone: +7 777 297 08 98, m.zapparov@satbayev.university |  |
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| Students | | | | |

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

| | | | | |
|-----------------------|---|------------------------------|--|---|
| Bakbergenov Danila | - | 1st year Master's student | Of NAO "Kazakh National Research Technical University named after K. I. Satpayev", mobile phone: +77057730446 danila.bakbergenov@bk. ru |  |
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General information

| № | Field name | Comments |
|----|---|--|
| 1 | Code and classification of the field of education | 7M05 Natural Sciences Mathematics and Statistics |
| 2 | Code and classification of training directions | 7M052 Environment areas |
| 3 | Educational program group | M088 Hydrogeology and Engineering Geology |
| 4 | Educational program name | 7M05203 Hydrogeology and engineering Geology |
| 5 | Short description of educational program | Hydrogeology and engineering Geology-scientific disciplines that study interaction underground waters and rocks, chemical and physical-mechanical properties of underground waters as complex solutions and rocks as multiphase systems, as well as processes developing in rock strata (massifs), on its properties, structure and dynamics, on the rational use of the geological environment and its protection, in connection with engineering and economic activities. first of all, human engineering and construction activities. |
| 6 | Purpose of EP | Training of competitive highly qualified personnel of a new generation in the field of hydrogeology and engineering geology, in demand on the labor market, designed to implement state programs aimed at digitalization of geological and hydrogeological information and industrial and innovative development of the Republic of Kazakhstan. |
| 7 | Type of EP | New OP |
| 8 | The level based on NQF | 7 |
| 9 | The level based on IQF | 7 |
| 10 | Distinctive features of EP | full |
| 11 | Education form | of study |
| 12 | Period of training | 2 year |
| 13 | Amount of credits | 120 |
| 14 | Languages of instruction | Russian, Kazakh, English |
| 15 | Academic degree awarded | Master of Natural Sciences |
| 16 | Developer(s) and authors | Absametov M. K. Auyelkhan E. S. |