



**K. Turysov Institute of Geology and Oil and Gas Engineering
Department of Hydrogeology, Engineering and Petroleum Geology**

**EDUCATIONAL PROGRAM
7M08601 Water Resources and Water Use**

Code and classification of the field of education: 7M08 Agriculture and bioresources.

Code and classification of training areas: 7M086 Water resources and water use

Group of educational programs: M137 Water resources and water use.

NQF level: 7

ORK level: 7

Duration of study: 2

Volume credits: 120

Almaty 2025

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"KAZAKH NATIONAL RESEARCH TECHNICAL UNIVERSITY NAMED AFTER K.I. SATBAYEV"






Educational program 7M08601 Water Resources and Water Use approved at the meeting of the Academic Council of KazNITU named after K.I. Satpayev .

Protocol No. 10 dated "06" 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 dated "20" 12_2025

Educational program 7M08601 Water Resources and Water Use developed by the academic committee for the field of "Water Resources and Water Use"

Full name	Academic degree/ academic title	Job title	Place of work	Signature
Chairman of the Academic Committee:				
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General information

№	Field name	Comments
1	Code and classification of the field of education	7M08 Agriculture and Bioresources
2	Code and classification of training directions	7M086 Water resources and water use
3	Educational program group	M137 Water resources and water use
4	Educational program name	7M08601 Water resources and water use
5	Short description of educational program	Water resources and water use is a science that studies the origins of modern water management policy. The objectives are the basic methods and principles of the integrated use of water resources, their current state and the most complete and economically feasible satisfaction of the needs of water users and consumers , taking into account the preservation of nature and the protection of water from pollution and depletion.
6	Purpose of EP	The goal of the "Water Resources and Water Use" educational program is to train highly qualified, competitive specialists in water resource management and use , including groundwater resources, as well as in the design and operation of water management systems and structures. The program culminates in a Bachelor of Agriculture degree. To prepare qualified bachelors capable of solving problems in the field of water resources management and focused on solving professional issues of rational use, distribution, and management of water resources based on fundamental knowledge in accordance with the requirements of national and international standards.
7	Type of EP	production and technological; organizational and managerial; experimental research: calculation, design and analytical
8	The level based on NQF	7
9	The level based on IQF	7
10	Distinctive features of EP	no
11	Education form	full-time
12	Period of training	2 years
13	Amount of credits	120
14	Languages of instruction	Russian, Kazakh, English
15	Academic degree awarded	Master of Agricultural Sciences
16	Developer(s) and authors	Absametov M.K., Auelkhan E.S., Tasbolat A.R.