



**Geology and Oil-gas Business Institute named after K. Turyssov
Department of Chemical and Biochemical Engineering**

EDUCATION PROGRAM

6B07125 CHEMICAL TECHNOLOGY OF ORGANIC SUBSTANCES

Code and classification of the field of education: 6B07 Engineering, manufacturing and construction industries

Code and classification of areas of study: 6B071 Engineering and Engineering

Group of educational programs: 6B060 Chemical engineering and processes

Уровень по НРК: 6

Уровень по ОРК: 6

Year of study: 4 years

Credits: 240






The educational program 6B07125 Chemical technology of organic substances was approved at the meeting of the Scientific Council of KazNTU named after K.I.Satpayev

Protocol №10 from «06» 03 2025y

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

Protocol №3 from «20» 12 2024y

The educational program 6B07125 Chemical technology of organic substances was developed by the academic committee in the direction 6B060 «Chemical engineering and processes»

Name	Academic degree/ academic	Post	Place of work	
Chairman of the Academic Committee:				
Selenova Bagadat Samatovna	Doctor of Chemical Sciences	Professor	Kazakh National Research Technical University named after K.I.Satpayev	
Teaching staff:				
Mangazbaeva Rauash Amantaevna	Candidate of Chemical Sciences	Associate Professor	Kazakh National Research Technical University named after K.I.Satpayev	
Aitkaliyeva Gulzat Slyashevna	Doctor PhD	Associate Professor	Kazakh National Research Technical University named after K.I.Satpayev	
Employers				
Scitenova Gaini Zhumagalievna	Candidate of Chemical Sciences, Associate Professor	Head of the Project Office	Petro Gas Chemical Association,	
Students:				
Bogdanova Violetta	-	Student	Kazakh National Research Technical University named after K.I.Satpayev	

General information

№	Field name	Comments
1	Code and classification of the field of education	6B07 Engineering, manufacturing and construction industries
2	Code and classification of training directions	6B071 Engineering and Engineering
3	Educational program group	6B060 Chemical Engineering and Processes
4	Educational program name	6B07125 Chemical technology of organic substances
5	Short description of educational program	The educational program regulates the process of training bachelor's degree students for scientific and pedagogical activities in the field of chemical engineering, particularly in the areas of chemical and petrochemical industries. The program has been developed taking into account the possibility of choosing an appropriate educational trajectory that includes individual competencies reflecting the specific features of the student's specialization.
6	Purpose of EP	Training highly qualified specialists with key and professional competencies in the production of organic substances, processing of oil, gas, and coal, as well as in the synthesis and application of polymers, elastomers, and paint and varnish materials, capable of developing and implementing environmentally responsible, resource-saving, and innovative technological solutions to ensure the sustainable development of the chemical industry, minimize negative environmental impacts, and improve quality of life.
7	Type of EP	new
8	The level based on NQF	6
9	The level based on IQF	6
10	Distinctive features of EP	no
11	Education form	Full-time
12	Period of training	4 years
13	Amount of credits	240
14	Languages of instruction	Kazakh, Russian, English
15	Academic degree awarded	Bachelor of Engineering and Technology
16	Developer(s) and authors	Selenova B.S., Mangazbaeva R.A., Aitkalieva G.S.