



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

## **EDUCATIONAL PROGRAM**

### **6B07117 CHEMICAL TECHNOLOGY OF PETROLEUM AND GAS CHEMICAL PRODUCTS**

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 (0710)

Group of educational programs: 6B060 Chemical engineering and processes

Level based on NQF: 6

Level based on IQF: 6

Year of study: 4

Credits: 240

**Almaty 2025**




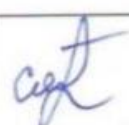

Educational program 6B07117 Chemical technology of Petroleum and gas chemical products was approved at the meeting of K.I. Satbayev KazNRTU Academic Council

Protocol №10 from «06» 03 2025y

was reviewed and recommended for approval at the meeting of K.I. Satbayev KazNRTU Educational and Methodological Council

Protocol №3 from «20» 12 2024y

Educational program 6B07117 Chemical technology of Petroleum and gas chemical products was developed by Academic committee based on direction 6B060 «Chemical engineering and processes»

Name	Academic degree/ academic	Post	Place of work	
<b>Chairman of the Academic Committee:</b>				
Selenova Bagadat Samatovna	Doctor of Chemical Sciences	Professor	Kazakh National Research Technical University named after K.I.Satpayev	
<b>Teaching staff:</b>				
Mangazbaeva Rauash Amantaevna	Candidate of Chemical Sciences	Associate Professor	Kazakh National Research Technical University named after K.I.Satpayev	
Aitkalieva Gulzat Slyashevna	Doctor PhD	Associate Professor	Kazakh National Research Technical University named after K.I.Satpayev	
<b>Employers</b>				
Seitenova Gaini Zhumagalievna	Candidate of Chemical Sciences, Associate Professor	Head of the Project Office	Petro Gas Chemical Association,	
<b>Students:</b>				
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	6B07117 Chemical technology of petroleum and chemical products
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 and in-demand specialists in modern technologies for oil and gas processing, organic synthesis, and petrochemistry, capable of developing and implementing innovative, resource-efficient, and environmentally responsible solutions for the sustainable development of the petrochemical and oil refining industries.
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., Mangazbayeva R.A., Aitkaliyeva G.S.