



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

EDUCATIONAL PROGRAM

6B07215 Pharmaceutical production technology

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

Code and classification of training areas: 6B072 Manufacturing and processing industries

Group of educational programs: B072 Pharmaceutical production technology

Level according to the NQF: 6

Level according to the IQF: 6

Duration of study: 4 years

Volume of loans: 240

Almaty 2025







Educational program 6B07215 Pharmaceutical production technology 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 №10 dated «20 » 12. 2024 .

The educational program 6B07215 Pharmaceutical production technology was developed by the academic committee in the direction 6B072 «Chemical engineering and processes»

Name	Academic degree/ academic	Post	Place of work	
Chairman of the Academic Committee:				
Mangazbaeva Rauash Amantaevna	Candidate of Chemical Sciences	Associate Professor	Kazakh National Research Technical University named after K.I.Satpayev	
Teaching staff:				
Kerimkulova Aigul Zhadyraevna	Candidate of Chemical Sciences,	Associate Professor	Kazakh National Research Technical University named after K.I.Satpayev	
Narmuratova Zhanar Bakhytovna	Doctor PhD	Associate Professor	Kazakh National Research Technical University named after K.I.Satpayev	
Employers				
Omarova Marzhan Ernarovna	-	Director of "Dolce" LLP	Petro Gas Chemical Association,	
Students:				
Usanchikova Alena Andreevna	-	Student	Kazakh National Research Technical University named after K.I.Satpayev	
Kassymbekova Yasmina Dodomuratovna	-	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 and manufacturing and construction industries
2	Code and classification of training directions	6B072 Manufacturing and processing industries
3	Educational program group	B072 Pharmaceutical production technology
4	Educational program name	6B07215 Pharmaceutical production technology
5	Short description of educational program	The educational program of this profile allows you to master the competence in the production of medicines and medical devices and legislation in the field of circulation of medicines; knowledge in the field of engineering and technical disciplines, fundamentals of phytochemistry and chemistry; biopharmaceutical and bioengineering fundamentals of drug technology development, fundamentals of design, equipment of production, modeling of chemical and technological processes; organization of technological process knowledge in the field of modern pharmaceutical production technology, skills in the development, manufacture and production of medicines, quality control, research on the preparation of regulations, obtaining and research of pharmaceutical substances.
6	Purpose of EP	Training highly qualified specialists to organize and manage technological processes in pharmaceutical production in the Republic of Kazakhstan in compliance with Good Manufacturing Practice (GMP) standards, capable of developing and implementing innovative and environmentally responsible solutions to ensure the accessibility and quality of medicines, improve public health, and achieve sustainable development goals.
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	Mangazbayeva R.A. Kerimkulova A.Zh.... Narmuratova Zh.B.