



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

Education program

**8D07108 The main processes of synthesis and production of new organic and
polymeric materials**

Code and classification of the field of education: 8D07 Engineering, manufacturing
and construction industries

Code and classification of areas of study: 8D071 Engineering and Engineering

Group of educational programs: D097 Chemical engineering and processes

Уровень по НРК: 8

Уровень по ОРК: 8

Year of study: 3 years

Credits: 180

Almaty 2025

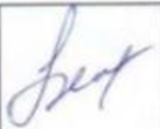




The educational program 8D07108 The main processes of synthesis and production of new organic and polymeric materials was approved at the meeting of the Scientific Council of KazNTU named after K.I.Satpayev

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 8D07108 The main processes of synthesis and production of new organic and polymeric materials was developed by the academic committee in the direction D097 «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	
Aitkalieva Gulzat Slyashevna	Doctor PhD	Associate Professor	Kazakh National Research Technical University named after K.I.Satpayev	
Employers				
Seitenova 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	Note
1	Code and classification of the field of education	8D07 Engineering, manufacturing and construction industries
2	Code and classification of areas of study	8D071 Engineering and Engineering»
3	Group of educational programs	D097 Chemical Engineering and Processes
4	Name of the educational program	8D07108 The main processes of synthesis and production of new organic and polymeric materials
5	Brief description of the educational program	The educational program regulates the educational process for training doctoral students for scientific and teaching activities in the field of chemical engineering, specifically in chemical and oil and gas chemical industries. The program is designed to provide doctoral students with the opportunity to choose an appropriate educational trajectory that includes individual competencies reflecting the specifics of a particular specialization.
6	Purpose of the OP	Training highly qualified specialists with profound knowledge, methodological competencies, and research skills in the field of chemical technology of organic substances and their processing, capable of developing and implementing innovative and environmentally safe technologies for sustainable development and successfully competing in national and international labor markets.
7	OP type	new
8	NQF level	8
9	ORC level	8
10	Distinctive features of the OP	no
11	Form of study	Full-time
12	Training period	3 years
13	Volume of loans	180
14	Languages of instruction	Kazakh, Russian and English
15	Awarded Academic Degree	Doctor of Philosophy PhD
16	Developer(s) and authors:	Selenova B.S., Mangazbaeva R.A., Aitkalieva G.S.