

APPROVED

Chairman of the Board – Rector
KazNRTU named after K.I.
Satpayev

 M.M. Begentayev

«25» 05 2025



APPROVED

Chairman of the Board – Rector
KazNMU named after S.D. Asfendiyarov

 M.E. Shoranov

«25» 05 2025



JOINT EDUCATIONAL PROGRAM
6B07114 «Biomedical Engineering»

**Field of Education Code
and Classification:**

6B07 «Engineering, Manufacturing and
Construction Industries»

**Training Program Code
and Classification:**

6B071 «Engineering and Engineering Affairs»

**Educational Program
Group:**

B063 «Electrical Engineering and Automation»

NQF Level:

6

IQF Level:

Duration of Study:

4 years

Credits:

240 ECTS

Almaty, 2025

The Joint Educational Program 6B07114 – Biomedical Engineering was approved at the meeting of the Academic Council of:

KazNRTU named after K.I. Satpayev, Minutes No. 10 dated “06” 03, 2025

KazNMU named after S.D. Asfendiyarov, Minutes No. ___ dated “___” ___, 20___

Reviewed and recommended for approval at the meeting of:

Educational and Methodological Council of KazNRTU named after K.I. Satpayev

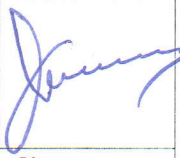
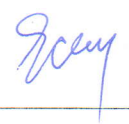
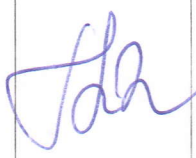

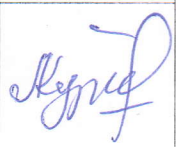
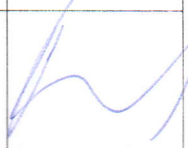
Minutes No. 3 dated “20” 12, 2024

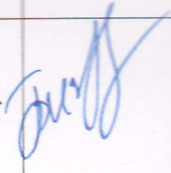


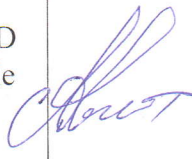

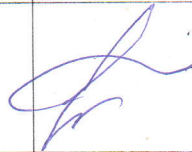

Academic Council of KazNMU named after S.D. Asfendiyarov

Minutes No. 7 dated “17” 04, 2023

Developed by the Academic Committee of KazNRTU named after K.I. Satpayev for the program 6B071 “Engineering and Engineering Affairs” and the Educational Program Committee of the School of General Medicine of KazNMU named after S.D. Asfendiyarov for the program 6B101 “Healthcare”

Program Developers

Full Name	Academic Degree / Title	Position	Affiliation	Signature
Chairman of the Academic Committee, KazNRTU named after K.I. Satpayev:				
Baktybayev M.K.	Candidate of Physical and Mathematical Sciences	Associate Professor	KazNRTU named after K.I. Satpayev	
Chair of the EPC of the School of General Medicine, KazNMU named after S.D. Asfendiyarov:				
Yesenkulova S.A.	Doctor of Medical Sciences	Professor, Department of Oncology	KazNMU named after S.D. Asfendiyarov	
Faculty Members of KazNRTU named after K.I. Satpayev:				
Ozhikenov Kassymbek Adilbekovich	Candidate of Technical Sciences	Professor, Head of the Department	Department of «Robotics and Engineering Tools of Automation», K.I. Satbayev KazNRTU	
Berdibayeva Gulmira	Ph.D.	Associate professor of the department	Department of «Robotics and Engineering Tools of Automation», K.I. Satbayev KazNRTU	
Kurmangaliyeva Lazzat	Candidate of technical sciences	Associate professor of the department	Department of «Robotics and Engineering Tools of Automation», K.I. Satbayev KazNRTU	
Alimbaev Chingiz Abdraimovich	Ph.D.	Associate professor of the department	Department of «Robotics and Engineering Tools of Automation», K.I.	

			Satbayev KazNRTU	
Bigaliyeva Zhanar Serykhanovna	Master of Technical Sciences	Senior lecturer of the department	Department of «Robotics and Engineering Tools of Automation», K.I. Satbayev KazNRTU	
Faculty Members of KazNMU named after S.D. Asfendiyarov:				
Izmailova S.H.	Candidate of Medical Sciences	Dean's Office GMS-1	KazNMU named after S.D. Asfendiyarov +7 707 809 67 73	
Tagirova R.T.	Master of Medical Sciences	Deputy Dean GMS-1	KazNMU named after S.D. Asfendiyarov +7 700 489 89 96	
Employers:				
Zhumagulov Arystanbek Kuzembayevich		Director	LLP "MEDREMZAVOD HOLDING", mobile phone: +77273440757	
Nurbekov Nurdaulet		Director	LLP "Gaide" mobile phone: +77015289844	
Temirlan Yergaliuly		Head	LLP "Corporation Saiman", mobile phone: +77002504323	
Student of KazNRTU named after K.I. Satpayev				
Meiram Adil Zeynelkabidenovich-3rd year student of the Department of «Robotics and Engineering Tools of Automation»	3rd year student	6B07113 «Robotics and mechatronics»	KazNRTU named after K. I. Satpayev	



General information

No.	Field name	Comments
1	Code and classification of the field of education	6B07 – «Engineering, Manufacturing and Civil engineering»
2	Code and classification of training directions	6B071 – «Engineering and engineering trades»
3	Educational program group	B063 – «Electrical engineering and automation»
4	Educational program name	6B07114 – «Biomedical Engineering»
5	Short description of educational program	Training of highly qualified specialists in the field of medical and environmental engineering and technology, creation and maintenance of tools for diagnosis, treatment, rehabilitation and prevention of human diseases and elaboration of software to solve practical and theoretical problems of biomedical practice.
6	Purpose of EP	The purpose of the educational program is training of highly qualified specialists in biomedical engineering capable of ensuring the operation, maintenance, and modernization of biomedical equipment, considering aspects of bioethics and sustainable development, as well as ensuring the safety and efficiency of biomedical equipment.
7	Type of EP	Innovative
8	The level based on NQF	6
9	The level based on SQF	6
10	EP distinctive features	Joint EP with KazNMU named after S.D. Asfendiyarov
11	Form of training	full-time
12	Period of study	4 year
13	Volume of the credits	240
14	Language of education	russian, kazakh, english
15	The awarded academic degree	Bachelor of Engineering and Technology
16	Develop and author	Ozhikenov K.A.