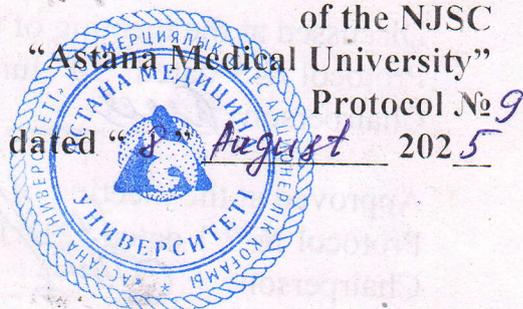


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Approved by the Resolution of the
Board of Directors
of the NJSC



JOINT EDUCATIONAL PROGRAM

6B10127 "Medicine"

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Developed in accordance with the State Mandatory Standard and Typical Professional Educational Programs for Medical and Pharmaceutical Specialties

Discussed at the meeting of the EPC Medicine
Protocol № 9 dated "30" June 2025

Chairperson *Rees* Kulzhanova Sh.A.

Approved at the meeting of the Academic Council
Protocol № 7/1 dated "21" July 2025

Chairperson *Abay* Zhunusova A.B.

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EDUCATIONAL PROGRAM PASSPORT

Qualification Level in the National Qualifications Framework	Level 7
Higher Education Profile	Healthcare
Educational Program Code	6B10127
Code and Title of the Educational Program	Joint Educational Program “Medicine”
Partner University	Nazarbayev University
Program Duration	September 2025 – July 2031
Language of Instruction	English
Number of Credits	373
Mission of the Educational Program	“Training a new generation of specialists through the integration of education, science, and practice within a joint educational program, focused on modern international approaches and ensuring high graduate competitiveness.”
Goal of the Educational Program	“Training a specialist ready for professional medical practice, equipped with research skills, and capable of making decisions based on the principles of evidence-based medicine in the diagnosis, treatment, rehabilitation, and prevention of diseases and emergency conditions.”
Accreditation and Certification of the Educational Program	No
Requirements for the Prior Educational Level of Individuals Wishing to Undertake the Educational Program	General secondary education, technical and vocational education, post-secondary medical education, or higher education
Graduate Qualification Profile	
Academic Degree	Master of Medicine in the Educational Program “Medicine”, Certificate of Completion of Internship with the Qualification “Physician”, (Bachelor in Healthcare)
List of Specialist Positions	Potential employers of graduates of the educational program include

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	representatives of all sectors of healthcare in the Republic of Kazakhstan.
Field of Professional Activity	Healthcare and Social Protection
Object of Professional Activity	Healthcare organizations and their structural subdivisions; Emergency medical service stations; Republican healthcare organizations engaged in ensuring sanitary and epidemiological well-being of the population; Organizations of restorative treatment and medical rehabilitation; Healthcare organizations operating in the field of blood services and others.

1. GENERAL DESCRIPTION OF THE PROGRAM

The quality of the healthcare system and its effective functioning directly depend on the quality of basic medical education, which requires continuous development, international academic integration, and the use of modern educational approaches. The medical profession demands a deep mastery of fundamental biomedical disciplines that provide an understanding of vital processes in the human body, the mechanisms of disease development, and the principles of their diagnosis and treatment. Knowledge in the natural sciences forms the foundation for understanding the functioning of diagnostic and pharmacological methods and their impact on the body.

Key conditions for successful medical practice include well-developed clinical reasoning, strong communication skills, social responsibility, and commitment to professional and ethical values. Equally important is a physician's readiness to utilize modern medical technologies and innovations, as well as to engage in continuous professional development throughout their career.

This educational program implements the university's mission and is delivered in academic partnership with Nazarbayev University, ensuring the integration of best educational practices and modern scientific and educational approaches.

Instruction is conducted in English, providing students access to contemporary scientific literature, international clinical guidelines, and global professional experience.

The program has been developed in accordance with national requirements for medical education and is aligned with widely accepted international approaches to physician training, ensuring the preparation of competitive specialists for both the public and private healthcare sectors.

2. GRADUATE COMPETENCIES

General Competencies of Graduates of the Joint Educational Program "Medicine"

№	General Competencies	№ C	Learning Program Outcomes Graduates will be able to:
1	Medical Knowledge	LO-1	Applies integrated knowledge of the structure, biochemical, and physiological properties of the morphofunctional unit and the organism as a whole in both normal and pathological conditions.
2	Communication	LO-2	Demonstrates communication skills for exchanging information and interacting with patients, their families, and healthcare professionals in the state language, English, and Russian.

Professional Competencies

№	Specialized Competencies	№ C	Program Learning Outcomes Graduates will be able to:
1	Clinical Skills	LO-3	Able to interpret the results of laboratory and instrumental diagnostic methods to establish a diagnosis based on evidence-based medicine.
		LO-4	Applies advanced skills in differential diagnosis and treatment using the principles of evidence-based medicine and scientific research practice.
		LO-5	Provides prevention and rehabilitation at the outpatient level and delivers emergency care.
2	Regulatory and Legal Knowledge	LO-7	Demonstrates skills in maintaining medical documentation in accordance with current regulatory and legal frameworks, medical information systems, and electronic healthcare."
3	Professionalism	LO-6	Demonstrates effective teamwork while adhering to the ethical principles of interprofessional collaboration.
4	Research	LO-8	Plans and conducts scientific research and applies it in making clinical decisions.
5	Personal and Professional Development	LO-9	Applies the capabilities and advancements of information technologies and AI in clinical practice, research, and lifelong learning.

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3. Learning Outcomes of Graduates of the SOP 'Medicine

№	Course code	Learning Outcomes
1	LO1	Applies integrated knowledge of the structure, biochemical, and physiological properties of the morphofunctional unit and the organism as a whole in both normal and pathological conditions.
2	LO2	Demonstrates communication skills for exchanging information and interacting with patients, their families, and healthcare professionals in the state language, English, and Russian.
3	LO3	Exhibits effective communication skills for information exchange and interaction with patients, their families, and healthcare professionals in the official language, English, and Russian."
4	LO4	Applies advanced skills in differential diagnosis and treatment using the principles of evidence-based medicine and scientific research practice.
5	LO5	Provides prevention and rehabilitation at the outpatient level and delivers emergency care.
6	LO6	Demonstrates effective teamwork while adhering to the ethical principles of interprofessional collaboration.
7	LO7	Demonstrates skills in maintaining medical documentation in accordance with current regulatory and legal frameworks, medical information systems, and electronic healthcare.
8	LO8	Plans and conducts scientific research and applies it in clinical decision-making.
9	LO9	Applies the capabilities and advancements of information technologies and AI in clinical practice, scientific research, and lifelong learning.