



**Approved by the Academic Council
NJSC "Astana Medical University"
Protocol No. 7
dated June 30, 2023.**

**EDUCATIONAL PROGRAM
6B10126 "MEDICAL AND PREVENTIVE CARE"**



1. Passport of the educational program

The field of education	6B10 Healthcare
The direction of training	7M101 Healthcare
Group of educational programs	B089 (M144)
Educational program	"Medical and preventive care"
Purpose of the educational program	Ensuring high-quality training of specialists who are able to meet the needs of society in the field of sanitary and epidemiological welfare of the population, apply and develop advanced innovative information technologies in practice and science in order to strengthen the health of the population
Type of educational program	New EP
Distinctive features of educational programs	-
Academic degree awarded	Master of Healthcare
The qualification awarded	Hygienist, epidemiologist
Terms of study	September 2023 – June 2028 (5 years) September 2023- February 2027. (3.6 years old)
Higher education profile	
The mission of the educational program	Training of professionals who will contribute to improving the sanitary and epidemiological situation and ensuring the well-being of the population by conducting research, providing consultations and developing preventive programs to improve public health.
Accreditation and certification of the EP	
Requirements for the previous level of education of persons wishing to master the educational program	On the basis of general secondary education, technical and vocational education, post-secondary medical education; - based on TiPO 09880100 – "Hygiene and epidemiology";
Qualification characteristics of the graduate	
List of specialist positions	Doctor of the Sanitary and Epidemiological Control Committee (as well as the territorial authorities); The hygienist; Epidemiologist; Hospital Epidemiologist; Doctor of the sanitary-hygienic and toxicological laboratory; An employee of bacteriological, virological and especially dangerous laboratories; Lecturer at a medical college/university; Researcher in the field of sanitary and epidemiological welfare; An expert in expert works and engineering



	services with the right to carry out this activity: expertise of urban planning, pre-design and design estimates for specialization: sanitary and epidemiological profile.
The field of professional activity	Healthcare, sanitary and epidemiological control, education, science, public administration, state expertise, sanitary supervision in the troops of the operational level, food industry, labor protection
Functions of professional activity	Ensuring sanitary control and epidemiological surveillance; Planning, monitoring and evaluation of programs in the field of sanitary and epidemiological welfare; Prevention and rehabilitation; Training.
Types of professional activity	Preventive sanitary supervision; Current sanitary supervision; Organizational and managerial; Information and analytical; accounting and statistical; Control and regulatory, including sanitary and epidemiological audit; Sanitary and educational; Scientific research; Pedagogical



Graduate competencies and learning outcomes

№	Competencies	LO	№ LO
General competencies			
1	Assessment and analysis	1 LO	It is able to identify problems threatening the sanitary and epidemiological well-being of the population, as well as assess the effectiveness of surveillance. Think critically and present information effectively: apply critical thinking skills in analyzing, solving problems and making evidence-based decisions to improve results and ensure the quality of work
Professional competencies			
2	Scientific and practical basis of public health	2 LO	Uses modern knowledge about the causes of diseases for the practice and management of the epidemic process, is able to assess the quality indicators of various environmental objects, professional activities, indicators of physical development of children and adolescents, formulate their own conclusions in the form of recommendations to prevent their adverse effects, risk modeling and programming.
3	Communications	3 LO	Builds effective professional, interpersonal, interdisciplinary, interaction with authorities, organizations, the public, community members, and the media to effectively solve public health problems, including using modern educational, behavioral, and information technologies.
4	Social and social significance and interaction for practice	4 LO	He is able to assess the public health system, contributes to the system of measures to ensure sanitary and epidemiological well-being, participates in the development of partnerships with the community to support epidemiological safety, develops action programs at the national, regional and population levels to achieve socially significant results.
5	Professional activity management (current, strategic planning and management)	5 LO	He is able to study throughout his professional activity, to contribute to the creation and dissemination of knowledge and practical skills applicable to health. To think critically and effectively present information, analysis and problem solving and with decision-making to implement evidence-based decisions on current and strategic planning and management.
6	Leadership and Systems mind	6 LO	It is able to organize sanitary and epidemiological control of the environment, drinking water, products subject to state sanitary and epidemiological supervision (control), supervision of vital facilities, border protection from the import and spread of especially dangerous infections in order to develop measures to ensure the sanitary and epidemiological



			well-being of the population, including in emergency situations. Has analytical skills in strategic planning and improvement of activities aimed at ensuring epidemiological safety demonstrates the skills of a comprehensive assessment of the health status of the population
7	Impact on healthcare policy	7LO	Introduces and develops an epidemiological perspective of public health protection in the Republic Kazakhstan participates in the development of a policy to ensure sanitary and epidemiological well-being.