

**For the Register of Educational Programs**

1	Name of the Educational Program	7M10119 Epidemiology
2	Type of EP	Active
3	Goal of the Educational Program	To train epidemiologists capable of addressing issues in the field of consumer rights protection and epidemiological safety regarding infectious, parasitic, and non-infectious diseases, including infections associated with medical care (HAIs)
4	Program EP (None, Joint, Double-Degree)	None
5	Partner University	None
6	Learning Outcomes (At least 8 LOs)	<p>LO 1- Effectively utilize demographic statistics and health indicators to improve awareness and gather factual data on population health, including for at-risk and socially disadvantaged groups.</p> <p>LO 2- Contribute to or lead evaluations of healthcare services at the community level, ensuring these evaluations reflect biological, social, economic, cultural, political, and physical health determinants.</p> <p>LO 3- Evaluate the work of local public health services and interventions using robust methodologies based on recognized models during epidemiological situations, adhering to international standards.</p> <p>LO 4-Conduct epidemiological surveillance of risks and threats affecting health determinants to identify intervention needs.</p> <p>LO 5- Describe key epidemiological features of major causes of morbidity and mortality among the population under their responsibility.</p> <p>LO 6- Monitor risks and threats across various health determinants to determine intervention needs.</p> <p>LO 7-Apply principles of secondary prevention and screening programs.</p>

		LO 8- Implement international health regulations to coordinate and develop strategic partnerships and resources across key sectors and scientific domains, ensuring health security and conducting effective infection control.
7	Mode of Study	Full-time
8	Language of education	Russian
9	Credit Load	1 year, 60 credits
10	Awarded Academic Degree	Master 's degree of Healthcare in the educational program 7M10132 " Epidemiology "
11	EP Accreditation (Name of Accrediting Body, Accreditation Period)	Not accredited

#### Course Information:

Course Title	Brief Description	Cycle	Component	Credits	Generated learning outcomes (codes)								
					LO 1	LO 2	LO 3	LO 4	LO 5	LO 6	LO 7	LO 8	
Foreign language (professional)	The course is aimed at mastering a foreign language, necessary and sufficient level of communicative competence for solving social and communicative tasks in various spheres of everyday, cultural, professional and scientific activities when communicating with foreign partners, as well as for further self-education.	BD	CC	2			+						+
Occupational health and safety	Management of safety organisation, occupational health and safety of medical	BD	CC	2		+					+		+

management for health care workers	workers, sanitary and epidemiological requirements											
Legal aspects of medical activities in the field of epidemiological safety	Formation of competences in the field of legal regulation of medical activities in the field of sanitary and epidemiological protection	BD	CC	2		+	+	+		+		+
Epidemiology: descriptive and analytical	The course aims to use the methods of descriptive and analytical epidemiology	BD	EC	4	+	+		+	+	+		
Organisation of prevention work at the PHC level	To form theoretical and practical knowledge on the organisation of epidemiological control and the organisation of preventive measures at the PHC level	CD	CC	4	+	+	+	+		+	+	
Epidemiology of infectious diseases and infection control	To develop theoretical and practical knowledge of infection prevention and infection control in medical organisations	CD	CC	8		+	+		+		+	+
Methodology of data processing applied in epidemiology	training in theoretical and practical foundations of biostatistics and formation of skills in the application of statistical data processing methods for the analysis of epidemiological data.	CD	CC	2	+			+		+		
Epidemiology of epidemiological surveillance in public health care	obtaining in-depth professional knowledge in the field of modern national and international aspects of the organisation of the system of prevention, epidemiological supervision, skills of practical application of normative-legislative acts in the field of sanitary-epidemiological well-being of the population	CD	EC	3	+	+			+		+	+
Environmental epidemiology and	The course aims to develop skills in epidemiological risk assessment and management	CD	EC	3				+		+	+	

health risk management												
Industrial practice	Formation of knowledge, skills and abilities in research activities, solving standard scientific problems	CD	EC	5								
Experimental and research work	Gain experience, plan research work, analyse methods and define research objectives	CD		13	+		+		+	+		+
Final Attestation. Writing and Defence of Master's project			FA	12								
	<b>Total:</b>			<b>60</b>								