

JSC Astana Medical University

Application for elective disciplines

Educational program: 6B10107 - General Medicine

Level of education Bachelor's degree

2022-2023 academic year

3-course - 3 credits (MD)




№	a module / discipline	module component	cycle of discipline	Course Description	prerequisites	postrequisites	the department participating in the module	the number of credits (hours)	amount of hours					course (specialization / training trajectory)	responsible department for the module / discipline	Head of the department
									lecture	practice	independent work	independent work	independent work			
1	Epidemiology of healthcare-associated infections		MD	The purpose of the discipline is to teach measures to prevent infections associated with the provision of medical care. the basics of epidemiological surveillance and control over the organizational, preventive, anti-epidemic and treatment and diagnostic measures of healthcare facilities.	general epidemiology	infectious diseases, including childhood infectious diseases, basics of general medical practice, surgery, basics of obstetrics and gynecology	Department of Public Health and Epidemiology	3(90)	5	25	15	45	3	Public health and epidemiology	Мусина А.А.	
2	Fundamentals of Immunoprophylaxis		MD	The discipline studies the organization of the personnel safety system in medical organizations, prevention of HAIs, approaches to regulatory, legal and methodological support of measures to ensure the biological safety of patients and medical personnel	general epidemiology	infectious diseases, including childhood infectious diseases, basics of general medical practice, surgery, basics of obstetrics and gynecology	Department of Public Health and Epidemiology	3(90)	5	25	15	45	3	Public health and epidemiology	Мусина А.А.	
3	Legal status of medical and pharmaceutical workers		MD	The proposed training course is designed to form students' knowledge about the basics and specifics of the legal regulation of medical activity, about legislation in the field of medicine, about the principles of legal regulation of medical activity, to give an idea of the legal status of subjects of medical activity, their rights, duties and responsibilities in this area of relations, to form students' understanding of the system of legal risks arising in the field of medical activity.	Module of socio-political education (political science, sociology)	Fundamentals of general medical practice, internship disciplines	Department of Medical Law and Ethics	3(90)		30	15	45	3	Department of Medical Law and Ethics	Тлембаева Zh.U.	
4	Introduction to Global Health and Healthcare		MD	Provide students with knowledge about global health, modern global public health problems, international organizations in the field of public health, children's rights and freedoms, the role of Kazakhstan in the development of primary health care in the world. The module studies the organization of medical care in emergency situations, including medical evacuation, anti-epidemic measures, with the deterioration of radiation situations, natural disasters and other emergencies.	Public health and healthcare	Basics of General Medical Practice	Department of Public Health and management	3(90)		30	15	45	3	Department of Public Health and management	Turgambayeva A.K.	
5	Risk Management	Risk Management	MD	To form a holistic theoretical understanding of risk management in an organization, to acquaint with modern views on the rapidly developing discipline - risk management, to lay a holistic understanding of the system and structure of the legislation of the Republic of Kazakhstan on healthcare.	Public health and healthcare, General epidemiology	Basics of General Medical Practice	Department of Public Health and management	3(90)		30	15	45	3	Department of Public Health and management	Turgambayeva A.K.	

6	Etiopathogenesis of malignant tumors		MD	In this module, etiopathogenetic theories of the appearance of malignant tumors will be described. Viral, genetic and hormonal theories of tumor formation are considered separately. The main risk factors for the appearance of malignant tumors and their prevention measures are also considered in detail.	Molecular biology and medical genetics	Oncogynecology, internal diseases, basics of surgical diseases	Department of oncology	3(90)		30	15	45	3	Department of oncology	Makishev A.
7	Ethics and deontology in oncology		MD	In this module, the psychological characteristics of cancer patients will be considered. Basic principles of communication with cancer patients and their relatives. Also, the ethical norms of communication between the doctor and the patient and his relatives. The issue of interpersonal doctor-doctor relations will also be considered separately.	Psychology	Oncogynecology, internal diseases, basics of surgical diseases	Department of oncology	3(90)		30	15	45	3	Department of oncology	Makishev A.
8	Modern medical information systems in the activity of a doctor		MD	In this discipline, work with medical information systems, the use of information resources for the search and storage of medical information, computer applications for solving medical problems are considered.	Information and communication technologies, Biostatistics	residency and master's degree disciplines	Department of biostatistics, bioinformatics and information technologies	3(90)		30	15	45	3	Department of biostatistics, bioinformatics and information technologies	Abdikadyr Z.N.

Approved at the meeting of the Committee on quality assurance of educational programs of the University

Protocol no.4 from "29" 04.2022 y.

Head of the Registrar's office  N. Tleshova

Head of the Center for Academic Activities  G. Utenova