



JSC Astana Medical University

Application for elective disciplines  
 Educational program: 6B10107 - General Medicine  
 Level of education: Bachelor's degree  
 2022-2023 academic year  
 2-course - 5 credits (BD)



1	2	3	4	5	6	7	8	9	10			11	12	13
									amount of hours					
№	a module / discipline	module component	cycle of discipline	Course Description	prerequisites	postrequisites	the department participating in the module	the number of credits (hours)	practice	independent work of student with the teacher	independent work of a student	course (specialization / training trajectory)	responsible department for the module / discipline	Head of the department
1	Anti-corruption legislation and culture		BD	The purpose of studying the discipline is to master the basics of the anti-corruption legislation of the Republic of Kazakhstan, the state policy in the field of combating corruption, responsibility for corrupt behavior, the formation of an anti-corruption culture, an intolerant attitude to corrupt behavior, respect for law and the law.	Module of socio-political education (political science, sociology)	Fundamentals of general medical practice, internship disciplines	Department of Medical Law and Ethics	2(60)	20	10	30	2	Department of Medical Law and Ethics	Тлембаева Ж.У.
2	Features of metabolism in organs and tissues		BD	It studies the features of the structure, metabolism and functioning of individual organs and tissues of the human body. The role of hormones in the regulation of metabolism in individual organs and tissues. metabolism in individual tissues and the human body is considered"	Molecular biology and medical genetics	Pathology of organs and systems, General pathology, Fundamentals of internal diseases, Fundamentals of surgical diseases, Fundamentals of obstetrics and gynecology, Fundamentals of childhood diseases.	Department of General and Biological Chemistry	5(150)	50	25	75	2	Department of General and Biological Chemistry	Sapiyeva A.O.
3	Laboratory safety		BD	The discipline studies biosafety in the clinical laboratory, safe use, the procedure for decontamination and disposal of disposable vacuum systems for blood collection, requirements for working conditions in laboratories, safety in laboratories, storage and transportation of equipment	Introduction to the clinic	Fundamentals of clinical epidemiology	Department of Public Health and Hygiene	3(90)	30	15	45	2	Department of Public Health and Hygiene	Suleimenova R.K
4	Nutrition Basics		BD	The discipline deals with the issues of rational and balanced nutrition of different categories of the population.	Medical biology, Introduction to the clinic, Anatomy, Physiology, Histology, Medical chemistry.	Basics of childhood diseases, propaedeutics of internal diseases, basics of internal diseases, basics of surgical diseases		2(60)	20	10	30	2	Preventive medicine and nutrition	Dalenov E.D.

5	Eating Disorders and Diseases		BD	This discipline deals with the consequences of excessive consumption of carbohydrates and a sedentary lifestyle, insufficient intake of proteins in food, irregular meals, violations of the regimen and cooking technologies. Questions of clinical nutrition.	Medical biology, Introduction to the clinic, Anatomy, Physiology, Histology, Medical chemistry.	Basics of childhood diseases, propaedeutics of internal diseases, basics of internal diseases, basics of surgical diseases		3(90)	30	15	45	2	Preventive medicine and nutritionists	Dalenov E.D.
6	Medical parasitology		BD	In this discipline, issues of etiology, pathogenesis and principles of diagnosis and prevention of parasitic and transmissible diseases are considered, prevalence of parasites, morphology, development cycles, ways of human infection are studied in detail.	Molecular biology and medical genetics	Basics of infectious diseases, including children	Department of medical genetics and molecular biology	3(90)	30	15	45	2	Department of medical genetics and molecular biology	Altaeva N.Z.
7	Biological bases of the formation of congenital malformations		BD	This discipline examines issues of the evolutionary development of human organ systems, causes and mechanisms of the formation of defects in various organ systems.	Molecular biology and medical genetics	Basics of internal diseases, basics of surgical diseases, basics of childhood diseases	Department of medical genetics and molecular biology	3(90)	30	15	45	2	Department of medical genetics and molecular biology	Altaeva N.Z.

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. Uleshova

Head of the Center for Academic Activities  G. Utenova