



JSC Astana Medical University

Application for elective disciplines
Educational program: 6B10102 Nursing
Level of education Bachelor's degree

2022-2023 academic year
3-course - 9 credits (MD)



1	2	3	4	5	6	7	8	9	10				11	12	13
									Number of hours						
№	module/discipline	module component	Discipline cycle	brief summary	prerequisites	post-requirements	departments participating in the module	number of credits (hours)	lecture	practi	IMST	MST	course (specialization)	responsible department for the module / discipline	head of the department
1	Fundamentals of disinfection	Disinfectology	MD	Formation and improvement of professional competencies of a nursing specialist required in professional activities in the field of disinfectology	Nursing in primary health care	Disciplines of the master's degree	Department of Public health epidemiology	2 (60)	6	14	10	30	3	Department of Public health epidemiology	Musina A.A.
		Disinfection measures in healthcare facilities						3 (90)	9	21	15	45			
2	Basics of preventive and anti-epidemic measures	System of preventive and anti-epidemic measures	MD	Epidemiological characteristics of infectious diseases. Principles of prophylactic and anti-epidemic measures in infectious diseases.	Nursing in primary health care	Disciplines of the master's degree	Department of Public health epidemiology	2 (60)	6	14	10	30	3	Department of Public health epidemiology	Musina A.A.
		Anti-epidemic measures						2 (60)	6	14	10	30			
3	Organization of medical nutrition in medical and preventive institutions	Basic principles of medical nutrition	MD	This module covers the organization of medical nutrition in the preventive medicine, the requirements for the implementation of sanitary and epidemiological regime in the food facilities, the functional responsibilities of the doctor and the ball. nurses in the organization of patient nutrition, Pevzner classification, menu development, calories and AMK (proteins, fats, carbohydrates).	Nursing in primary health care, nursing in pediatrics and obstetrics, clinical assessment of health and the basics of nursing.	Master's disciplines	Department of Preventive Medicine and Nutrition	3 (90)		30	15	45	3	Department of Preventive Medicine and Nutrition	Dalenov E.D
		Organization of therapeutic nutrition in preventive medicine						2 (60)		20	10	30			
4	Nutritional features of young children	Nutrition of young children	MD	This module addresses the issues of therapeutic nutrition in children of different ages (preschool and school nutrition). Calculation of calories and AMK (proteins, fats, carbohydrates), menu development. Sanitary and epidemiological requirements for the prevention of food poisoning in food facilities. Aspects of nutrition of young children, the optimal timing of the introduction of supplements and therapeutic supplements are considered.	Nursing in primary health care, nursing in pediatrics and obstetrics, clinical assessment of health and the basics of nursing.	Master's disciplines	Department of Preventive Medicine and Nutrition	2 (60)		20	10	30	3	Department of Preventive Medicine and Nutrition	Dalenov E.D
		Principles of medical nutrition in children						2 (60)		20	10	30			
5	Organization of the nursing process in chronic diseases	Syndromes and main clinical manifestations in chronic diseases	MD	Chronic diseases arise due to many factors and continue throughout a person's life, causing a decrease in the quality of life. Caring for an adult patient requires a lot of professional knowledge, a good knowledge of physiology and the ability to understand them. Therefore, one of the main sections of this discipline is the analysis of anatomical and physiological features, as well as the course of various chronic diseases in adulthood.	the basics of evidence-based nursing, clinical assessment of the state of Health and fundamentals of nursing	master's disciplines	Department of Nursing	3 (90)	-	30	15	45	3	Department of Nursing	Saltabaeva U.S.
		Nursing care for chronic diseases						2 (60)		20	10	30			

6	Improvement of nursing at the present stage	Modern concepts of nursing care	MD	For Kazakhstan, the development of the nursing system means its development at all levels of education, the introduction into practice of the institute of nursing specialists with different positions according to the level of education, the redistribution and clear delineation of functional responsibilities between doctors and nurses of different levels, the introduction of new mechanisms for the functioning of medical organizations with equal medical and nursing organizational structures, the introduction of a register of nursing specialists, cases and nursing documentation, introduction of innovative nursing technologies and development of modern nursing evidence-based practices.	the basics of evidence-based nursing, clinical assessment of the state of Health and fundamentals of nursing	master's disciplines	Department of Nursing	3 (90)	-	20	10	30	3	Department of Nursing	Sahnabaeva U.S.
		2 (60)						20	10	30					
7	Communication skills		MD	"The course covers the basics of the theory of communication, the structure of the communicative act, the characteristics of the processes of perception and interaction, and the technologies of effective communication."	Psychology	masters degree courses	Department of Basics of Medicine	4 (120)		40	20	60	3	Department of Basics of Medicine	Kunmyrbayeva G.S.
8	Basics of rehabilitation after Covid infection		MD	The course is aimed at developing knowledge on the basics of rehabilitation of post-covid patients at various stages of medical rehabilitation, taking into account the severity of the disease and its complications.	Rehabilitation of patients	Master's degree disciplines	The department of rehabilitation and sports medicine	2 (60)		20	10	30	3	Department of rehabilitation and sports medicine	Slivkina N.V.
9	Fundamentals of rehabilitation in the practice of a nursing specialist		MD	The course is aimed at developing knowledge on the basics of rehabilitation of post-covid patients at various stages of medical rehabilitation, taking into account the severity of the disease and its complications.	Rehabilitation of patients	Master's degree disciplines	The department of rehabilitation and sports medicine	2 (60)		20	10	30	3	Department of rehabilitation and sports medicine	Slivkina N.V.

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

Protocol no. 4 from "15" 04 2025.

Head of the Registrar's office  N. Aleshova

Head of the Center for Academic Activities  G. Utemova