MINISTRY OF SCIENCE AND HIGHER EDUCATION OF THE RUSSIAN FEDERATION, MINISTRY OF SCIENCE, HIGHER EDUCATION AND INNOVATION KYRGYZ REPUBLIC

Interstate Higher Education Organization Kyrgyz-Russian Slavic University
named after the first President of the Russian Federation B.N. Yeltsin

УТВЕРЖДАЮ
Директор института клинической медицины и биомедицинских технологий
(должность)
Яблонев Е.С.
(ФИО)
11.09.2026 г.

PROFESSIONAL CYCLE
Public Health and Health Care, Health Economics

Course Outline (Module)

Assigned to the Department	**Public Health and Health Care**
Academic Curriculum	310501_26_1 лд ин.plx 560001 General medicine (for foreign students)
Qualification	specialist
form of education	intramural

Course Hours Sceduling (per semester)

Semester (<Course>. <Semester on course>)	6 (3.2)		Total	
Weeks	18			
Type of Training	AC	CO	AC	CO
Lectures	16	16	16	16
Practical	32	32	32	32
Contact work during theoretical training	0,3	0,3	0.3	0,3
Including int.	4	4	4	4
Total aud.	48	48	48	48
Contact work	48,3	48,3	48,3	48,3
Individual work	41,7	41,7	41,7	41,7
Total	90	90	90	90

1. OBJECTIVES OF LEARNING THE DISCIPLINE	
1.1	Formation of knowledge about the laws of public health and ways to protect and improve it in preventive activities; andabout thestrategy of public health protection, directions of reforms and economic experiments in the Kyrgyz and Russian healthcare. Formation of knowledge in modern medical statistics and evidence-based medicine in professional activities and researchwork. To contribute the development of modern social and medical thinking among future doctors, to provide a basis for makingorganizational decisions in healthcare in a market economy.

2. PLACE OF DISCIPLINE IN THE STRUCTURE BEP	
Loop (section) BEP:	B1.0.O3
2.1	**Requirements for the preliminary preparation of the student:**
2.1.1	Propedeutics ofInternal Medicine
2.1.2	Medical informatics
2.1.3	Basics of research work
2.2	**Disciplines and practices for which the development of this discipline (module) is necessary as a previous one:**
2.2.1	Gynecology
2.2.2	Pediatrics
2.2.3	Research work
2.2.4	Preparation for exams and passing the state exam
2.2.5	Outpatient therapy

3. STUDENT'S COMPETENCES FORMED AS A RESULT OF LEARNING THE DISCIPLINE (MODULE)	
OK-5: Able to achieve business goals across departments and organizations by managing and transforming complex, unpredictable work or learning environments with innovative approaches.	
Know:	
Level 1	• fundamentals of the organization of the health care system and principles of management of medical organizations; • economic mechanisms for the functioning of health care, sources of financing and methods of economicevaluation; • current innovative approaches in health organization, management and economics
Be able to:	
Level 1	• analyze the effectiveness of medical organizations in the face of uncertainty; • make management decisions taking into account socio-economic factors; • assess the impact of management and innovative decisions on the health indicators of the populationandthe work of organizations.
Own:	
Level 1	• management and economic analysis skills in health care; • skills in planning, forecasting and evaluating the results of the activities of medical organizations; • the ability to apply innovative management technologies in professional activities.

PK-2: Able and ready to use the normative documentation adopted in the health care of the Kyrgyz Republic, as well as in international practical medicine; laws and regulations on working with confidential information, maintain medical confidentiality	
Know:	
Level 1	• basic laws and regulations of the Kyrgyz Republic in the field of healthcare; • international legal norms and documents governing medical activities; • the legal basis for the protection of personal data and compliance with medical confidentiality.
Be able to:	
Level 1	• apply regulatory documents in professional activities; • ensure compliance with the law when working with medical documentation; • use legal norms to protect the rights of patients and healthcare professionals.
Own:	
Level 1	• skills in legal analysis of managerial and professional situations; • ability to work with regulatory and regulatory documentation; • skills in compliance with the principles of confidentiality and medical confidentiality in practice.

PK-17: Able and ready to use knowledge of the structure of healthcare organizations, referral and referral system.	
Know:	
Level 1	• the structure of the health care system of the Kyrgyz Republic and the levels of medical care;

	• principles of organization of primary, specialized and high-tech medical care; • procedure for referral and redirection of patients between levels of medical organizations.
Be able to:	
Level 1	• navigate the structure of healthcare organizations and their functional responsibilities; • correctly apply the system of referral and redirection of patients; • analyze patient routing from a health care accessibility and effectiveness perspective.
Own:	
Level 1	• skills in practical use of patient routing schemes; • ability to interact with various levels of medical organizations; • skills in assessing the effectiveness of the referral system and continuity of care.

PK-19: Capable and ready to assess the quality of medical care using basic medical and statistical indicators.	
Know:	
Level 1	• basic medical and statistical indicators used to assess the health of the population and the activities of medicalorganizations; • criteria and indicators of quality of care; • fundamentals of statistical analysis in health care.
Be able to:	
Level 1	• calculate and analyze the main medical and statistical indicators; • assess the quality and effectiveness of health care based on statistical data; • interpret the results of medico-statistical analyses for management decision-making.
Own:	
Level 1	• skills in collecting, processing and analyzing medical and statistical information; • the ability to use statistical data to assess the activities of medical organizations; • skills to inform conclusions about quality of care.

As a result of mastering the discipline, the student must

3.1 Know:

□ content ofthe subject ofpublic health and health care;
a legislative framework for the protection ofpublic health;
□ basics ofbiomedical statistics;
□ indicators ofpopulation health and their determining factors;
□ the role ofthe health promotion service (HSS) in the formation ofa healthy lifestyle (MLS);
□ main problems and strategies ofhealth promotion (HM) ofindividual contingents ofthe population by WHO;
□ fundamentals ofhealth care reform;
□ fundamentals ofhealth care management and quality ofhealth services;
□ definition of economics and financing of health care, goal, objectives and ways of further development in the context of healthinsurance and market economy;
□ the state ofthe healthcare system abroad.

3.2 Be able to:

□ plan and conduct statistical research, analyze and interpret their results in practical and scientific activities;
□ calculate and analyze the main coefficients ofpublic health and the activities ofmedical organizations;
□ conduct a situational analysis ofthe organization and health units.

3.3 Own:

□ methodology for calculating statistical indicators, basic skills ofmanagement and marketing ofhealthcare organizations.