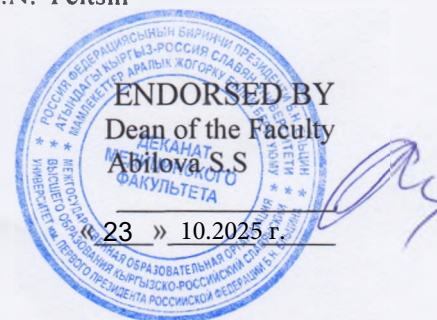


MINISTRY OF SCIENCE AND HIGHER EDUCATION OF THE RUSSIAN FEDERATION, MINISTRY  
OF SCIENCE, HIGHER EDUCATION AND INNOVATION  
KYRGYZ REPUBLIC

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



## PROFESSIONAL CYCLE

### Public Health and Health Care, Health Economics

#### Course Outline (module)

Anchored to the  
Academic plan

Public health and health care  
Speciality 560001 - KR General Medicine

Qualification  
Mode of Study

specialist  
intramural

#### Course Hours Sceduling (per semester)

Semester (<Course>. <Semester on course>)	6 (3.2)		Total	
	18			
Weeks	18			
Type of Training	AC	OC	AC	OC
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,	48,3	48,3
Individual work	41,7	41,	41,7	41,7
Total	90	90	90	90

### 1. COURSE OUTLINE OBJECTIVES

1.1	Formation of knowledge about the laws of public health and ways to protect and improve it in preventive activities; and about the strategy of public health protection, directions of reforms and economic experiments in the Kyrgyz and Russian health care.
1.2	Formation of knowledge in modern medical statistics and evidence-based medicine in professional activities and research work.
1.3	To contribute the development of modern social and medical thinking among future doctors, to provide a basis for making organizational decisions in healthcare in a market economy.

### 2. PLACE OF THE COURSE IN THE EDUCATIONAL PROGRAM

Educational Program Units:	B1.O
<b>2.1</b>	<b>Students' Preliminary Training Requirements:</b>
2.1.1	Propedeutics of Internal Medicine
2.1.2	Medical informatics
2.1.3	Basics of research work
<b>2.2</b>	<b>Course Unit and Practical Session Prerequisites</b>
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. STUDENTS' COMPETENCIES RESULTING FROM THE COURSE UNIT (MODULE)

**GC-5: Is able to ensure the achievement of goals in professional activities in departments and organizations, managing and transforming a complex unpredictable work or training environment, applying innovative approaches.**

<b>Know:</b>	
Level 1	<ul style="list-style-type: none"> <li>• fundamentals of the organization of the health care system and principles of management of medical organizations;</li> <li>• economic mechanisms for the functioning of health care, sources of financing and methods of economic evaluation;</li> <li>• current innovative approaches in health organization, management and economics</li> </ul>
<b>Be able to:</b>	
Level 1	<ul style="list-style-type: none"> <li>• analyze the effectiveness of medical organizations in the face of uncertainty;</li> <li>• make management decisions taking into account socio-economic factors;</li> <li>• assess the impact of management and innovative decisions on the health indicators of the population and the work of organizations.</li> </ul>
<b>Own:</b>	
Level 1	<ul style="list-style-type: none"> <li>• management and economic analysis skills in health care;</li> <li>• skills in planning, forecasting and evaluating the results of the activities of medical organizations;</li> <li>• the ability to apply innovative management technologies in professional activities.</li> </ul>

**PC-2: Capable and ready to use the regulatory documentation adopted in the healthcare of the Kyrgyz Republic, as well as in international practical medicine; laws and regulations on working with confidential information, maintain medical confidentiality.**

<b>Know:</b>	
Level 1	<ul style="list-style-type: none"> <li>• basic laws and regulations of the Kyrgyz Republic in the field of healthcare;</li> <li>• international legal norms and documents governing medical activities;</li> <li>• the legal basis for the protection of personal data and compliance with medical confidentiality.</li> </ul>
<b>Be able to:</b>	
Level 1	<ul style="list-style-type: none"> <li>• apply regulatory documents in professional activities;</li> <li>• ensure compliance with the law when working with medical documentation;</li> <li>• use legal norms to protect the rights of patients and healthcare professionals.</li> </ul>
<b>Own:</b>	
Level 1	<ul style="list-style-type: none"> <li>• skills in legal analysis of managerial and professional situations;</li> <li>• ability to work with regulatory and regulatory documentation;</li> <li>• skills in compliance with the principles of confidentiality and medical confidentiality in practice.</li> </ul>

**PC-17: Able and ready to use knowledge of the structure of healthcare organizations, referral and redirection system.**

<b>Know:</b>	
Level 1	<ul style="list-style-type: none"> <li>the structure of the health care system of the Kyrgyz Republic and the levels of medical care;</li> <li>principles of organization of primary, specialized and high-tech medical care;</li> <li>procedure for referral and redirection of patients between levels of medical organizations.</li> </ul>
<b>Be able to:</b>	
Level 1	<ul style="list-style-type: none"> <li>navigate the structure of healthcare organizations and their functional responsibilities;</li> <li>correctly apply the system of referral and redirection of patients;</li> <li>analyze patient routing from a health care accessibility and effectiveness perspective.</li> </ul>
<b>Own:</b>	
Level 1	<ul style="list-style-type: none"> <li>skills in practical use of patient routing schemes;</li> <li>ability to interact with various levels of medical organizations;</li> <li>skills in assessing the effectiveness of the referral system and continuity of care.</li> </ul>

**PC-19: Capable and ready to assess the quality of medical care using basic medical and statistical indicators.**

<b>Know:</b>	
Level 1	<ul style="list-style-type: none"> <li>basic medical and statistical indicators used to assess the health of the population and the activities of medical organizations;</li> <li>criteria and indicators of quality of care;</li> <li>fundamentals of statistical analysis in health care.</li> </ul>
<b>Be able to:</b>	
Level 1	<ul style="list-style-type: none"> <li>calculate and analyze the main medical and statistical indicators;</li> <li>assess the quality and effectiveness of health care based on statistical data;</li> <li>interpret the results of medico-statistical analyses for management decision-making.</li> </ul>
<b>Own:</b>	
Level 1	<ul style="list-style-type: none"> <li>skills in collecting, processing and analyzing medical and statistical information;</li> <li>the ability to use statistical data to assess the activities of medical organizations;</li> <li>skills to inform conclusions about quality of care.</li> </ul>

**Final Students' Competences**

<b>3.1</b>	<b>Know:</b>
3.1.1	<input type="checkbox"/> content of the subject of public health and health care;
3.1.2	<input type="checkbox"/> legislative framework for the protection of public health;
3.1.3	<input type="checkbox"/> basics of biomedical statistics;
3.1.4	<input type="checkbox"/> indicators of population health and their determining factors;
3.1.5	<input type="checkbox"/> the role of the health promotion service (HSS) in the formation of a healthy lifestyle (HLS);
3.1.6	<input type="checkbox"/> main problems and strategies of health promotion (HM) of individual contingents of the population by WHO;
3.1.7	<input type="checkbox"/> fundamentals of health care reform;
3.1.8	<input type="checkbox"/> fundamentals of health care management and quality of health services;
3.1.9	<input type="checkbox"/> definition of economics and financing of health care, goal, objectives and ways of further development in the context of health insurance and market economy;
3.1.10	<input type="checkbox"/> the state of the healthcare system abroad.
<b>3.2</b>	<b>Be able to:</b>
3.2.1	<input type="checkbox"/> plan and conduct statistical research, analyze and interpret their results in practical and scientific activities;
3.2.2	<input type="checkbox"/> calculate and analyze the main coefficients of public health and the activities of medical organizations;
3.2.3	<input type="checkbox"/> conduct a situational analysis of the organization and health units.
<b>3.3</b>	<b>Own:</b>
3.3.1	<input type="checkbox"/> methodology for calculating statistical indicators, basic skills of management and marketing of healthcare organizations.