

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

**specialist**

Mode of Study

**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	59,7	59,	59,7	59,7
Total	108	108	108	108

### 1. OBJECTIVES OF LEARNING THE DISCIPLINE

1.1	Teaching students to use knowledge about the laws of public health and ways to protect and improve it in preventive activities; on the strategy of public health protection, directions of reforms and economic experiments in the Kyrgyz and Russian health care.
1.2	Training students in modern medical statistics and evidence-based medicine in professional activities and research work.
1.3	To contribute to 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. THE PLACE OF DISCIPLINE IN THE GEP STRUCTURE

Loop (section) GEP:	B1.O
<b>2.1</b>	<b>Requirements for the preliminary preparation of the student:</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>Disciplines and practices for which mastering this discipline (module) is necessary as a previous one:</b>
2.2.1	Gynecology
2.2.2	Pediatrics
2.2.3	Research work
2.2.4	Preparation for passing and passing the state exam
2.2.5	Outpatient therapy

### 3. STUDENT'S COMPETENCES FORMED AS A RESULT OF LEARNING THE DISCIPLINE (MODULE)

#### UC-10: Able to make informed economic decisions in various areas of life

**Know:**

Level 1	basic economic laws in the field of medicine basic principles of health care financing goal and objectives and ways of further development in the context of health insurance and market economy
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**Be able to:**

Level 1	make informed economic decisions in the health care system analyze ways of further development of the health care system in the context of health insurance and market economy
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**Own:**

Level 1	methodology for calculating indicators of economic activity of healthcare organizations the methodology for calculating the needs of the population for medical visits, hospital beds, medical personnel and the cost of medical services
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#### GPC-9: Able to implement the principles of quality management in professional activities

**Know:**

Level 1	subjects and objects of management, goal, triad, functions, principles, objectives and features of management in healthcare methods, style, skills of healthcare management factors of effective solution, classification of the degree of solution, factors affecting the result, management technology, types of documents, style of work, causes of conflicts
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**Be able to:**

Level 1	conduct a self-test to determine the personal leadership of a medical organization, and also determine whether this style is acceptable when managing a healthcare organization; apply a certain leadership style to resolve conflicts in the organization
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**Own:**

Level 1	the basic principles of organization and management in the field of health care and their structural units personal leadership skills in professional activities
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#### GPC-10: Able to solve standard tasks of professional activity using information, bibliographic resources, biomedical terminology, information and communication technologies, taking into account the basic requirements of information security

**Know:**

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Level 1	tasks of the professional activity of a medical doctor main approaches to the use of information technologies and their security
<b>Be able to:</b>	
Level 1	apply information resources, communication technologies, taking into account the requirements of information security analyze and interpret the results of information resources in practical and scientific activities
<b>Own:</b>	
Level 1	skills in communication technologies in the health care system technologies for collecting information and bibliographic resources

**PC-14: Capable of maintaining medical records.**

<b>Know:</b>	
Level 1	records of the primary and secondary levels of the healthcare system; records of the primary and secondary levels of the healthcare system
<b>Be able to:</b>	
Level 1	calculate the main indicators of the activity of the general medical network of healthcare organizations; analyze and interpret the data of the activity of the general medical network of healthcare organizations
<b>Own:</b>	
Level 1	methodology for calculating and analyzing indicators of medical statistics when assessing the quality of medical care

**PC-15: Able to apply the basic principles of organization and management in the field of public health, in medical organizations and their structural units.**

<b>Know:</b>	
Level 1	main indicators of public health principles of organization and management in the field of public health and medical organizations
<b>Be able to:</b>	
Level 1	manage the structural unit of healthcare organizations eliminate social risk factors affecting human health
<b>Own:</b>	
Level 1	educational activities on the formation of healthy lifestyle skills in disease prevention methodology for collecting the prevalence of risk factors in the population

**PC-16: Ready to organize a medical examination and participate in assessing the quality of medical care using the main medical and statistical indicators.**

<b>Know:</b>	
Level 1	fundamentals of quality management of medical care basic medical and statistical indicators of health and health care
<b>Be able to:</b>	
Level 1	analyze indicators of the quality of medical services assess the quality of medical care to the population in the structural units of health care organizations
<b>Own:</b>	
Level 1	methodology for calculating the main medical and statistical indicators of the quality of healthcare organizations analysis and interpretation of medical and statistical indicators of healthcare organizations

**PC-17: Able and ready to participate in scientific research and public presentation of medical information based on evidence-based medicine.**

<b>Know:</b>	
Level 1	basic principles of conducting scientific research based on evidence-based medicine principles of public presentation of medical information
<b>Be able to:</b>	
Level 1	conduct scientific research based on evidence-based medicine publicly present medical information with elements of evidence-based medicine
<b>Own:</b>	
Level 1	public speaking skills in health information presentation

**As a result of mastering the discipline, the student must**

<b>3.1</b>	<b>Know:</b>
<ul style="list-style-type: none"><li><input type="checkbox"/> content of the subject of public health and health care;</li><li><input type="checkbox"/> legislative framework for the protection of public health;</li><li><input type="checkbox"/> basics of biomedical statistics;</li><li><input type="checkbox"/> indicators of population health and their determining factors;</li><li><input type="checkbox"/> the role of the health promotion service (HSS) in the formation of a healthy lifestyle (HLS);</li><li><input type="checkbox"/> main problems and strategies of health promotion (HM) of individual contingents of the population by WHO;</li><li><input type="checkbox"/> fundamentals of health care reform;</li><li><input type="checkbox"/> fundamentals of health care management and quality of health services;</li><li><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;</li><li><input type="checkbox"/> the state of the healthcare system abroad.</li></ul>	
<b>3.2</b>	<b>Be able to:</b>
<ul style="list-style-type: none"><li><input type="checkbox"/> plan and conduct statistical research, analyze and interpret their results in practical and scientific activities;</li><li><input type="checkbox"/> calculate and analyze the main coefficients of public health and the activities of medical organizations;</li><li><input type="checkbox"/> Conduct a situational analysis of the organization and health units.</li></ul>	
<b>3.3</b>	<b>Own:</b>
<ul style="list-style-type: none"><li><input type="checkbox"/> the method of calculating statistical indicators, the basic skills of management and marketing of healthcare organizations.</li></ul>	