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

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

I APPROVE

Director
(job title)

Abiova L.S.
(full name)

04.11. 2026

PROFESSIONAL CYCLE

Intermediate Course of Therapy

course (module) annotation

Developed by **Therapies**

Syllabus 310501_26_1 ld in.plx
560001 General Medicine (For international students)

Qualification **doctor**

Form of study **full-time**

Distribution of course hours by semester

Semester (<Course>.<Semester in the course>)	5 (3.1)		6 (3.2)		Total	
Weeks	18		18			
Type of activity	UP	RP	UP	RP	UP	RP
Lectures	16	16	16	16	32	32
Practical	48	48	48	48	96	96
Contact work during the theoretical training period	0.3	0.3			0.3	0.3
Contact work during the examination session			0.5	0.5	0.5	0.5
Including int.	4		4		8	
Total auditorium	64	64	64	64	128	128
Contact work	64.3	64.3	64.5	64.5	128.8	128.8
The work itself	25.7	25.7	26	26	51.7	51.7
Hours for control			29.5	29.5	29.5	29.5
Total	90	90	120	120	210	210

1. OBJECTIVES OF LEARNING THE DISCIPLINE	
1.1	Training in a complete clinical examination of a medical patient with the most common diseases of internal organs, occurring in their typical ("classical") form; formulation of a detailed clinical diagnosis, according to the modern classification;
1.2	Consolidation and expansion of practical skills in examining a medical patient;
1.3	Teaching independent clinical thinking skills to future physicians.
1.4	Training in the main nosological forms of occupational diseases;

2. PLACE OF DISCIPLINE IN THE STRUCTURE OF THE OOP	
OOP cycle (section):	B1.O.03
2.1	**Requirements for preliminary preparation of the student:**
2.1.1	Pharmacology
2.1.2	Pathophysiology, clinical pathophysiology
2.1.3	Propaedeutics of internal diseases
2.1.4	Normal physiology
2.1.5	Pathological anatomy
2.1.6	Psychology of communication
2.2	**Disciplines and practices for which mastery of this discipline (module) is necessary as a prerequisite:**
2.2.1	Clinical Internship "Hospital Physician Assistant"
2.2.2	Clinical Internship "Assistant to a Physician in an Outpatient Clinic"
2.2.3	Hospital therapy
2.2.4	Outpatient therapy
2.2.5	Family medicine

3. STUDENT COMPETENCIES DEVELOPED AS A RESULT OF LEARNING THE DISCIPLINE (MODULE)	
PC-15: Capable and ready to implement preventive measures to prevent infectious, parasitic and non-infectious diseases, monitor their effectiveness, promote a healthy lifestyle and educate the population on sanitary and hygienic issues.	
Know:	
Level 1	Fundamentals of prevention of infectious, parasitic and non-infectious diseases, risk factors, principles of a healthy lifestyle and health education.
Be able to:	
Level 1	identify risk factors, conduct preventive measures, provide advice on healthy lifestyles and evaluate their effectiveness.
Own:	
Level 1	methods of preventive counseling, health education and the formation of a healthy lifestyle among the population.

PC-9: Capable and ready to perform basic therapeutic measures for acute illnesses, conditions and exacerbations of chronic diseases that are not accompanied by a threat to the life of an adult patient and do not require emergency medical care in outpatient and inpatient settings.	
Know:	
Level 1	Clinical manifestations, causes, and pathogenesis of the most common acute and chronic diseases that do not require emergency medical care. Principles for organizing outpatient care and managing patients with exacerbations of chronic diseases. Current standards and clinical guidelines for diagnosis, treatment, and monitoring of patients in outpatient and inpatient settings.
Be able to:	
Level 1	Assess the patient's condition, make a diagnosis and determine the necessary amount of treatment in cases that are not life-threatening. Prescribe adequate drug therapy and monitor its effectiveness and safety. Prevent exacerbations of chronic diseases and provide educational support on adherence to treatment regimens, diet, and lifestyle changes.
Own:	
Level 1	Skills in carrying out basic treatment and diagnostic procedures in an outpatient setting. Individualized approaches to managing patients with chronic diseases in remission and exacerbation. Skills in monitoring, assessing the effectiveness of therapy and promptly referring patients to a specialist if necessary.

PC-8: Able and ready to use the algorithm of diagnostic measures to identify diseases, emergency and life-threatening conditions based on the results of clinical, laboratory and instrumental studies of organs, systems and the body as a whole to establish a diagnosis (primary, concomitant, complications) taking into account the ICD.	
Know:	
Level 1	Principles of clinical diagnostics: diagnostic stages, diagnosis structure (underlying disease, comorbidities, complications), and rules for formulating it. The International Classification of Diseases (ICD), its structure, and rules for coding diseases and conditions. Clinical signs and pathogenetic mechanisms of emergency and life-threatening conditions (shock, myocardial infarction, pulmonary embolism, stroke, acute respiratory failure, etc.).
Be able to:	
Level 1	Apply diagnostic algorithms based on complaints, medical history, physical examination data, laboratory and instrumental studies. Formulate a clinical diagnosis taking into account the requirements of the ICD and disease classification rules. Recognize emergency conditions, conduct a primary diagnosis, and assess the severity of the patient's condition.
Own:	
Level 1	Skills in coding diagnoses according to the ICD, taking into account the underlying disease, comorbidities, and complications. Diagnostic search algorithms for acute and life-threatening conditions and methods for their early detection. Methods for making clinical decisions and triaging patients in emergency departments.

PC-7: Able and willing to conduct and interpret interviews, physical examinations, clinical examinations, results of modern laboratory and instrumental studies, and fill out medical records for outpatients and inpatients.	
Know:	
Level 1	Methods for collecting and analyzing patient complaints, medical history data, indications and contraindications for additional laboratory and instrumental research methods.
Be able to:	
Level 1	To interview, collect complaints and anamnesis from outpatients and inpatients of adults and children , using methods and means of medical examination and diagnostic measures.
Own:	
Level 1	Skills in prescribing the necessary laboratory and instrumental research methods in outpatient and inpatient settings, as well as skills in preparing medical histories and maintaining outpatient cards for adults and children.

PC-5: Capable and ready to work with medical equipment and medical instruments used in working with patients, and to apply the capabilities of modern information technologies to solve professional problems.	
Know:	
Level 1	Principles of working with medical and technical equipment used in working with patients, be proficient in computer technology, obtain information from various sources, work with information in global computer networks, apply the possibilities of modern information technologies for solving professional problems, the basic patterns of development and functioning of the human body based on the structural organization of all levels;
Be able to:	
Level 1	Understands the principles of working with medical and technical equipment used in work with patients, has computer skills, receives information from various sources, works with information in global computer networks, applies the capabilities of modern information technologies to solve professional problems, the basic patterns of development and vital activity of the human body based on the structural organization of all levels;
Own:	
Level 1	Capable of working with medical and technical equipment used in work with patients, be proficient in computer technology, receive information from various sources, work with information in global computer networks, apply the possibilities of modern information technologies for solving professional problems, the basic patterns of development and functioning of the human body based on the structural organization of all levels;

As a result of mastering the discipline, the student must

3.1	Know:

Definition of the disease, etiology, risk factors (RF), pathogenesis, pathomorphology (remodeling of internal organs), classification, clinical picture, laboratory and instrumental diagnostics, treatment principles, primary and secondary prevention, prognosis of the most common diseases of internal organs occurring in their typical "classical form": diseases of the respiratory system: chronic obstructive bronchitis within the framework of COPD, community-acquired pneumonia, bronchiectasis, atopic bronchial asthma, chronic pulmonary heart disease; diseases of the circulatory system: atherosclerosis and hyperlipidemia (HLP), coronary heart disease (CHD): angina pectoris, acute myocardial infarction (AMI), hypertension (HTN), certain forms of symptomatic arterial hypertension (AH): nephrogenic, vasorenal, with primary hyperaldosteronism, pheochromocytoma, coarctation of the aorta; infective endocarditis, infective myocarditis, mitral and aortic defects, congenital heart defects in adults: atrial septal defect, ventricular septal defect, coarctation of the aorta, pulmonary artery stenosis, tetralogy of Fallot, chronic heart failure (CHF); connective tissue diseases: acute rheumatic fever (ARF), rheumatoid arthritis, gout, osteoarthritis, systemic lupus erythematosus (SLE); diseases of the gastrointestinal tract (GIT): chronic gastritis, gastric ulcer and duodenal ulcer, biliary dyskinesia (BD) and chronic acalculous cholecystitis, chronic hepatitis and cirrhosis of the liver; diseases of the urinary system: acute and chronic glomerulonephritis, chronic pyelonephritis; diseases of the blood system: iron, B12 and folate deficiency anemia.
Etiology, pathogenesis, clinical picture, diagnostic methods and provision of emergency care for the following urgent conditions:
•an attack of bronchial asthma;
•hypertensive crises, complicated and uncomplicated;
•AMI – as an emergency condition;
•primary circulatory arrest (ventricular fibrillation) as a complication of myocardial infarction;
Officially approved classifications of diseases.
List the complications of diseases.
Methods of drug therapy, treatment regimens, indications and contraindications for the use of medicinal products (MP).
Methods of primary and secondary prevention of the studied diseases of internal organs.
Prognosis of diseases, risk factors for the development of life-threatening conditions.
Scheme and rules for filling out, registration of the medical history of the supervised patient.
To consolidate clinical: quantitative and qualitative criteria of electrocardiograms (ECG) in the norm, with hypertrophy of the atria and ventricles, with chronic and acute forms of coronary heart disease (during an attack of angina pectoris, 4 periods of acute myocardial infarction of the left ventricle).

3.2	Be able to:

To recognize and correctly diagnose the most common diseases of internal organs in their typical course.
Assess the activity of the pathological process, its form, stage and phase of progression in accordance with officially approved classifications, the presence and severity of complications.
Draw up a plan for laboratory and instrumental examination to confirm the suspected diagnosis and interpret the results obtained.
Formulate a detailed clinical diagnosis, guided by the modern classification of diseases;
To detail the diagnosis of a specific patient, namely, the etiology, mechanism of development and pathomorphology of the disease, and to identify complications.
To substantiate the underlying disease clinical diagnosis in a specific patient by assessing the examination results and identifying the diagnostic criteria for this disease.
To substantiate the etiology of the patient's disease.
Prescribe adequate individual therapy by completing the “Prescription Sheet” and “Temperature Sheet” for the supervised patient.
To formulate a non-drug and drug treatment plan for the patient in accordance with the diagnosis and morphological changes, including determining the indications and therapeutic contraindications for surgical intervention and its urgency.
To determine the prognosis of the disease for life in a specific patient.
Determine measures of primary and secondary prevention; the latter (including) for the supervised patient.
Recognize the clinical manifestations of certain emergency conditions (asthma attacks, hypertensive crises, primary circulatory arrest), conduct a detailed assessment of the condition, perform emergency diagnostics, and have the skills to provide emergency medical care.
To solve deontological problems related to the diagnosis, treatment and prevention of internal diseases.
Decipher ECG in normal conditions, with atrial and ventricular hypertrophy, and various forms of coronary heart disease.

3.3	Own:
Methods of collecting complaints and patient history; Methods of propaedeutics of various body systems: examination, palpation, percussion and auscultation of internal organs according to the module; Skills in interpreting anamnesis data, objective examination of the patient, his laboratory and instrumental data; Skills in expressing an independent point of view, analysis and logical thinking, public speaking, ethical argumentation, conducting discussions and round tables, principles of medical deontology and medical ethics; Skills in informing patients and their relatives; Skills in a foreign language sufficient for communication and obtaining information from foreign sources.	