

**MINISTRY OF SCIENCE AND HIGHER EDUCATION OF THE RUSSIAN FEDERATION
MINISTRY OF EDUCATION AND SCIENCE OF THE KYRGYZ REPUBLIC**

Government-run Educational Institution of Higher professional education
Kyrgyz-Russian Slavic University after B.N. Yeltsin



INFECTIOUS DISEASES

Abstract of discipline (module)

Assigned to

Department of Infectious diseases

Academic curriculum

31050150_21_23лд ин.plx
Specialty 31.05.01. - RF, 560001 - KG General medicine
(for foreign students)

Mode of study

Intramural

The course outline was compiled by: PhD, associate professor Kuvatova D.O.; PhD, associate professor, head of department Radchenko E.A.

Course hours scheduling (per semester)

Semester Academic Year	9 (5.1)		10 (5.2)		Total	
	AC	CO	AC	CO	AC	CO
Weeks	16		17			
Type of training	AC	CO	AC	CO	AC	CO
Lectures	18	18	36	36	54	54
Practical session	72	72	72	72	144	144
contact work in theoretical training	0,3	0,3			0,3	0,3
contact work in the examination session			0,5	0,5	0,5	0,5
Including interactive session	4	4	5	5	9	9
Total in-class session	90	90	108	108	198	198
Face-to-face learning	90,3	90,3	108,5	108,5	198,8	198,8
Student's individual work	53,7	53,7	36	36	89,7	89,7
Tests			35,5	35,5	35,5	35,5
Total	144	144	180	180	324	324

1. COURSE OUTLINE OBJECTIVES

1.1	Formation of knowledge, experiences and practical skills required for early diagnosis of infectious diseases, carrying out of a complex of therapeutic and preventive measures, diagnosis of urgent conditions at the pre- and hospital stages of medical care.
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2. PLACE OF THE COURSE IN THE EDUCATIONAL PROGRAM

Educational Program Units:	
2.1	Student's preliminary training requirements:
2.1.1	Epidemiology
2.1.2	Pathophysiology, clinical pathophysiology
2.1.3	Propaedeutics of internal diseases
2.1.4	Pharmacology
2.1.5	Microbiology, virology
2.2	Disciplines and practices for which mastering this discipline (module) is necessary as a prerequisite:
2.2.1	Hospital therapy
2.2.2	Hospital surgery
2.2.3	Clinical practice (Physician assistant in an outpatient clinic)
2.2.4	Outpatient therapy
2.2.5	Preparing for and passing the state exam

3. STUDENT'S COMPETENCIES RESULTING FROM THE COURSE UNIT (MODULE)

GPC-7: Be able to prescribe treatment and monitor its efficacy and safety

Knowledge:

Level 1	Etiology, pathogenesis, clinical picture of major diseases with various clinical entities, methods of patients managing and curing in outpatient settings and day patient facilities;
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Skills:

Level 1	make a comparison of various types and methods of treatment of patients with different clinical entities, make out a scheme of diseases management; manage and treat patients in outpatient settings and day patient facilities; monitor the efficacy and safety of the prescribed treatment at all stages of its performance.
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Expertise:

Level 1	analyses skills of various types of treatment for patients with different nosological entities; experience in managing and curing patients with different diseases in outpatient settings and day patient facilities.
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PC-4: Ready to collection and analyses the patient's complaints, anamnesis data, diagnosis findings, laboratory assessments, clinical investigations, post-mortem examinations and other testing for the purpose of state identification, establishing facts of disease availability or its lack

Knowledge:

Level 1	methods and means for collecting and analyzing patient complaints, his medical history, indications and contraindications for additional clinical and paraclinical research methods.
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Skills:

Level 1	collect and analyze the patient's complaints and medical history; prescribe laboratory, instrumental, pathological and other studies in order to recognize the condition or establish the presence or absence of the disease.
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Expertise:

Level 1	skills in collecting and analyzing patient complaints, his medical history, interpreting the results of the most common functional diagnostic methods used to identify pathologies of the blood, heart and blood vessels, lungs, kidneys, liver and other organs and systems;
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PC -5: Capable of determining the main pathological conditions, symptoms, disease syndromes, nosological forms in patients in accordance with the International Statistical Classification of Diseases and Related Health Problems, X version.

Knowledge:

Level 1	Methods of conducting research to identify the main pathological conditions, symptoms of disease syndromes, nosological forms.
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Skills:

Level 1	To comprehend the results of the study of the main nosological forms of diseases.
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Expertise:

Level 1	Skills in identifying basic pathological conditions, symptoms, disease syndromes
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PC-7: Capable of determining tactics for managing patients with various nosological forms

Knowledge:

Level 1	Etiology, pathogenesis, clinical manifestation of diseases.
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Skills:

Level 1	Reveal the meaning of determining the tactics of managing patients with various diseases.
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Expertise:

Level 1	Skills in presenting and analyzing the etiology and pathogenesis of various diseases to make a diagnosis.
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PC-8: Ready to manage and treat patients with various nosological forms in outpatient and day hospital settings

Knowledge:

Level 1	Etiology, pathogenesis, clinical picture of major diseases with various nosological forms.
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Skills:

Level 1	Correctly identify this disease.
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Expertise:

Level 1	Skills in analyzing various types of treatment for patients with various nosological forms.
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PC-11: Ready to participate in the provision of emergency medical care in conditions requiring urgent medical intervention

Knowledge:

Level 1	diagnostic methods and their capabilities for directly examining a patient in a therapeutic, surgical and infectious disease profile, modern methods of clinical, laboratory instrumental examination of patients (including endoscopy, X-ray methods, ultrasound diagnostics);
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Skills:

Level 1	select an individual type of care to treat the patient in accordance with the situation: primary care, hospitalization;
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Expertise:

Level 1	skills to formulate indications for the chosen method of treatment, taking into account etiologic and pathogenetic agents, justify pharmacotherapy in a particular patient for the main pathological syndromes and emergency conditions, determine the route of administration, regimen and dose of drugs, evaluate the effectiveness and safety of the treatment.
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PC-14: Capable of maintaining medical records

Knowledge:

Level 1	List of accounting and reporting medical documentation in medical organizations of a medical profile
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Skills:

Level 1	To navigate the current labor regulations and apply the norms of labor legislation in specific practical situations.
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Expertise:

Level 1	Skills in working with accounting and reporting documentation of various types in medical institutions.
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Final student's competences:

3.1	Knowledge: The structure of the infectious diseases service, the principles of its structure, the organization of the work of the infectious diseases hospital, departments, boxes; Basic questions of the pathogenesis of infectious diseases; Main clinical manifestations (symptoms, syndromes) of the studied infectious diseases; Basic methods of laboratory and instrumental diagnostics used in infectology (indications for use, theoretical foundations of the method, interpretation of results); Rules for collecting pathological materials from an infectious patient; Basic principles of treatment of infectious diseases; Indications for hospitalization of an infectious patient; Specific and nonspecific prevention of studied infectious diseases.
3.2	Skills: Take diseases and life history (including epidemiological history) of an infectious patient; Create an algorithm for diagnosis, laboratory and instrumental examination plan; Interpret the results of laboratory and instrumental examination of the patient; Highlight leading clinical and clinical laboratory syndromes; To make a differential diagnosis between various diseases with similar clinical symptoms; Assess the severity of an infectious disease;

Predict the course and outcome of an infectious disease;
To diagnose emergency conditions in infectious patients, as well as to determine further medical caring in life-threatening conditions;
Formulate a diagnosis in accordance with the ICD-10.

3.3 Expertise:

Methods of examination of the infectious patient (examination, palpation, percussion, auscultation);
Skills of differential diagnosis of symptoms and syndromes characteristic of infectious diseases;
Helping skills of medical and preventive measures at the pre- and hospital stages of caring;
Skills in providing urgent (emergency) and first aid in case of infectious pathology;