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

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

APPROVE

Director _____
(position)
Abilova S.S _____
(full name)
04 11 2026

PROFESSIONAL CYCLE
Occupational diseases
Abstract of the discipline (module)

Developed by: **Family Medicine & Therapy**

Curriculum: 310501_26_1 LD in.plx
560001 General Medicine (For International Students)

Qualification: **Doctor**

Form of study: **Full-time**

Distribution of hours of the discipline by semesters

Semester (<Курс>.<Семестр on the course>)	6 (3.2)		Total	
Weeks	18			
Type of classes	UP	WP	UP	WP
Lectures	8	8	8	8
Practical	24	24	24	24
Contact work during the theoretical training	0,3	0,3	0,3	0,3
Including int.	2	2	2	2
Total room.	32	32	32	32
Contact work	32,3	32,3	32,3	32,3
Myself. Work	27,7	27,7	27,7	27,7
Total	60	60	60	60

1. OBJECTIVES OF MASTERING THE DISCIPLINE	
1.1	The purpose of the discipline "Occupational Diseases" is to form students' systematic knowledge about the causes of mechanisms of development, clinical manifestations and prevention of occupational diseases, to teach recognize harmful production factors and their impact on the body, master the diagnosis and differential diagnosis of occupational pathology, principles of treatment, rehabilitation and expertise ability to work, to develop skills in analyzing occupational risks, using sanitary and hygienic legislation and interdisciplinary cooperation, as well as to foster professional responsibility for the preservation of the health of the working population.

2. THE PLACE OF THE DISCIPLINE IN THE STRUCTURE OF THE EDUCATIONAL PROGRAM	
Cycle (section) of the PLO:	B1.O.03
2.1	**Requirements for the preliminary training of the student:**
2.1.1	Anatomy
2.1.2	Pathological anatomy
2.1.3	Propaedeutics of Internal Diseases
2.1.4	Normal physiology
2.1.5	B1.O.14. Medical Biology
2.1.6	B1.O.20. Anatomy
2.1.7	B1.O.16. Bioethics
2.1.8	B1.O.23. Normal Physiology
2.1.9	B1.O.64. Fundamentals of Self-Knowledge
2.1.10	B1.O.28. Pathophysiology, Clinical Pathophysiology
2.2	**Disciplines and practices for which the development of this discipline (module) is necessary both Previous:**
2.2.1	Infectious diseases
2.2.2	Immunoprophylaxis of infectious diseases
2.2.3	Hospital surgery
2.2.4	Hospital Therapy
2.2.5	Family Medicine
2.2.6	Oncology, radiation therapy
2.2.7	Phthisiology
2.2.8	Faculty Therapy
2.2.9	B1.O.30. Public Health and Health Care, Health Economics
2.2.10	B1.O.39. Psychiatry, Medical Psychology
2.2.11	B1.O.67. Psychotherapy

3. COMPETENCIES OF THE STUDENT, FORMED AS A RESULT OF MASTERING THE DISCIPLINE (MODULE)	
PC-7: Able and willing to conduct and interpret interviews, physical examinations, clinical examinations, the results of modern laboratory and instrumental tests, fill out a medical card outpatient and inpatient patients.	
Know:	
Level 1	- etiology, pathogenesis, clinical presentation of diseases;
Level 2	- the main types and methods of treatment of patients with various nosological forms;
Level 3	- the main directions and problems in the management of patients with various diseases.
Be able to:	
Level 1	- to reveal the meaning of determining the tactics of managing patients with various diseases;
Level 2	- to compare different types and methods of treatment of patients with different nosological forms, develop a treatment plan for diseases;
Level 3	- to note the practical value of individual tactics for the management of patients with various nosological forms
Own:	
Level 1	- skills in presenting and analyzing the etiology, pathogenesis of various clinical diseases for the formulation of diagnosis;
Level 2	- methods of searching for and comparing different methods of treatment of patients with different nosological forms;
Level 3	- possess the skills of determining the tactics of managing patients with diseases

PC-8: Able and willing to use the algorithm of diagnostic measures to detect diseases, urgent and life-threatening conditions based on the results of clinical, laboratory and instrumental studies of organs, systems and the body as a whole to make a diagnosis (main, concomitant, complications) taking into account the ICD.	
Know:	
Level 1	- etiology, pathogenesis, clinical presentation of the main diseases with various nosological forms;
Level 2	- the main types and methods of treatment of patients with various nosological forms;
Level 3	- methods of management and treatment of patients with various nosological forms on an outpatient basis, and day hospital.
Be able to:	
Level 1	- correctly identify this disease;
Level 2	- to compare different types and methods of treatment of patients with different nosological forms, develop a treatment plan for diseases;
Level 3	- to manage and treat patients on an outpatient basis and in a day hospital.
Own:	
Level 1	- skills in analyzing various types of treatment of patients with various nosological forms;
Level 2	- methods of searching for and comparing different methods of treatment of patients with different nosological forms;
Level 3	- skills in managing and treating patients with various diseases on an outpatient basis and in an outpatient setting day hospital.

PC-9: Able and willing to perform basic therapeutic measures for acute diseases, conditions and exacerbation of chronic diseases that are not accompanied by a threat to the life of an adult patient and do not require emergency medical care on an outpatient and inpatient basis.	
Know:	
Level 1	- clinical manifestations of acute and chronic diseases;
Level 2	- methods of treatment and medical manipulations for pathological conditions and diseases;
Level 3	- general principles of treatment; - diseases, taking into account their etiology and pathogenesis; - Knowledge of pharmacological groups and their interaction with each other.
Be able to:	
Level 1	- to link symptoms, examination data and indicators of laboratory and instrumental examination methods into a single whole and make the correct diagnosis;
Level 2	- prepare the patient, tools and medicines for the necessary manipulation;
Level 3	- assess the stage of the disease and prescribe therapy appropriate to the stage of the disease.
Own:	
Level 1	- skills to identify signs of an acute disease or exacerbation of a chronic disease;
Level 2	- skills and methods of providing medical care for acute and chronic diseases;
Level 3	- skills of etiological and pathogenetic therapy in the treatment of diseases, depending on the degree of severity of the disease on an outpatient basis.

As a result of mastering the discipline, the student must

3.1	**Know:**
- Etiology, pathogenesis, clinical picture of the most common forms of occupational diseases - Features of the diagnosis of occupational diseases - Differential diagnosis between occupational and non-occupational diseases that have a similar clinical picture - Deontological norms, ethics of the doctor in the process of supervising patients - Issues of treatment, prevention, examination of working capacity, medical and labor rehabilitation occupational diseases. - Know the principles of organization and provision of emergency medical care for acute occupational diseases (poisoning	

3.2	Be able to:
- Analyze the data of the patient's professional history to determine the possible impact of industrial factors on the state of health - Be able to conduct preliminary and periodic medical examinations of employees - To analyze the mechanisms of action of unfavorable factors of the production environment that caused the development of occupational disease - Conduct a targeted examination of patients to identify clinical signs indicating the influence of unfavorable factors of the production environment - To carry out a differential diagnosis between the supposed professional and non-professional diseases with a similar clinical picture - To identify specific features of the course of this occupational disease - To determine the degree and persistence of functional disorders of the affected organs and systems - Correctly recommend the necessary therapeutic measures for patients with occupational diseases - Provide emergency medical care in case of acute occupational diseases (poisoning) - On the basis of the clinical picture, the degree of functional disorders, working conditions, profession of the patient, to decide questions about his ability to work and employment.	

3.3	Own:
- skills of clinical examination, diagnosis and treatment of patients with occupational diseases, rehabilitation, preventive measures, including preliminary admission to work and periodic medical examinations., mechanisms and localization of action and possibility replacement with a drug from other groups; - skills in analyzing and using data on sanitary and hygienic conditions at the workplace to substantiate the relationship diseases with the working conditions of the patient; - skills in determining the degree of disability in occupational diseases and intoxications, selection of rational types of work for occupational patients whose ability to work is limited; - skills of filling out the act of examination of the patient's VTEK with the justification of the expert opinion; - skills of conducting a targeted examination of employees of industrial enterprises, agriculture, transport and construction to detect their occupational disease.	