

MINISTRY OF HEALTH OF THE KYRGHYZ REPUBLIC
MINISTRY OF EDUCATION AND SCIENCE OF KYRGHYZ REPUBLIC
INTERNATIONAL MEDICAL UNIVERSITY

Approved by
at a meeting of the Training
Council Chairman of the

IMU,

“ _____ ” _____ 2022.

SYLLABUS

Discipline Internal Disease

Specialty Medicine treatment

Course 4

Semester 8

Credits 6

Total hours for the curriculum 180

Lectures 50

Practical 75

Independent work 54

Reviewed and approved on the cafedral session of Medical disciplines of the IMU Protocol №
_____ from _____ 2022.

Head of department _____

Bishkek-2022

Rationale for the necessity of the discipline for the student's education

IMU's mission is to train internationally recognised, free-thinking professionals who are open to change and able to transform knowledge into value for the benefit of society.

IMU's development strategy is to create a dynamic and creative university with innovative research and education programmes and a modern infrastructure that promotes academic and professional goals.

1.1 Aims and objectives of the discipline

The purpose of teaching internal medicine for 8 semester - 4 course, is to master the basics of physical examination of healthy patients and patients with various diseases, as well as the study and identification of basic clinical symptoms and syndromes in various diseases of the musculoskeletal system, nervous, endocrine and urinary systems.

Key Objectives:

The objectives of the discipline "Internal Diseases" for 8 semester:

- Teaching students the basics of techniques of physical examination of healthy patients and patients with diseases of the musculoskeletal system (conducting questioning of the patient, examination, palpation, percussion and auscultation, measurement of blood pressure, pulse research, etc.), as well as the identification of objective criteria signs of diseases of the nervous, endocrine and urinary system;
- To introduce and teach students the methods of laboratory and instrumental examination of patients with various clinical syndromes and pathologies of various organs and systems of the body with interpretation of the results obtained;
- To teach students the practical skills of performing certain medical manipulations and a number of additional methods of examination, which play a vital role in the practical activity of a doctor;

- To develop the student's clinical thinking and readiness to synthesise the information obtained during the examination of a patient in order to make a clinical diagnosis.

1.3 Place of the discipline in the structure of the main professional educational programme.

This discipline is oriented to foreign students studying in medical universities. The program of the discipline is designed for students who do not know the Russian language. The discipline is an integral part of the training program for medical specialists, the mastering of which by foreign students is designed for 1 semesters of training.

Mastering this discipline is a prerequisite for training foreigners at IMU and is necessary for mastering the skills of clinical examination of patients, which will allow the student to plan methods of laboratory and instrumental examination and interpret the results obtained, to identify the main clinical syndromes, which in the future (in subsequent courses of the student) will serve as the basis for the creation of a clinical diagnosis.

The amount of compulsory academic knowledge a student is expected to acquire.

The discipline is taught in the following scope in accordance with the MSU curriculum:

Semester	Number of credits	Lectures	Practical exercises	Independent work	Total
8	6	50	76	54	180

Thematic plan of practical classes for students semester VIII

№	Theme	часы
1	Approach to the Patient with Rheumatic Disease	2
2	Diagnostic Procedures in Rheumatology	2
3	Principles of management of Rheumatic Disease	2
4	Rheumatoid Arthritis	2
5	Spondyloarthritis	2

6	Osteoarthritis	2
7	Osteoporosis	2
8	Osteomalacia and rickets	2
9	Crystal-associated disease	2
10	Systemic lupus erythematosus	2
11	Systemic sclerosis	2
12	Systemic vasculitis	2
13	Inflammatory Myopathies	2
14	Fibromyalgia	2
15	Infections of Joints and Bones	2
16	Behçet's Syndrome	2
17	Module 1	2
18	Approach to the patient with neurologic disorder	2
19	Cerebrovascular diseases /Ischemic Stroke+	2
20	Diseases of the Spinal Cord	2
21	Intracranial Hemorrhage+	2
22	Migraine and Other Primary Headache Disorders	2
23	Impairment of Consciousness and Coma	2
24	Epilepsy	2
25	Parkinson's diseases and other movement disorders +	2
26	Peripheral Neuropathy	2
27	CNS infections: Meningitis and Encephalitis	4
28	Introduction to Diseases of the Endocrine System 1	2
29	Diabetes Mellitus – presentation 1	2
30	Thyroid diseases 2	2
31	Diseases of the Adrenal Gland 2	2
32	Diseases of the Pituitary Gland 2	2
33	Pyelonephritis, Glomerulonephritis (post-streptococcal)3	4
34	Acute nephritic syndrome3	2
35	Acute and chronic renal failure	
36	Urinary tract infections	
37	Module 2	2
	Total	76h

No.	Topics for independent work	
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		<i>count of hours</i>
1)	Diagnostic procedures in Rheumatology Principle of management in rheumatology	2
2)	Rheumatoid arthritis	2
3)	Osteoarthritis	2
4)	Osteoporosis	2
5)	Osteomalacia	2
6)	Rickets	2
7)	Crystal associated disease	2
8)	Gout	2
9)	Psoriatic arthritis	2
10)	Systemic sclerosis	2
11)	Systemic lupus erythematosus	2
12)	Sjogren's syndrome Bechet's syndrome	2
13)	Dermatomyositis	2
14)	Fibromyalgia	2
15)	Inflammatory myopathies	2
16)	Wegener's granulomatosis	2
17)	Polyarteritis nodosa	2
18)	Takayasu arteritis	2
19)	Kawasaki arteritis	2
20)	Giant cell arteritis	2
21)	Meningitis and Encephalitis	2
22)	Diabetes Mellitus	2

23)	Hypoglycemia	2
24)	Fat metabolism disorder syndrome	2
25)	Hypercorticism. Hypocorticism	2
26)	Pyelonephritis	2
27)	Glomerulonephritis	2
	Total	54

