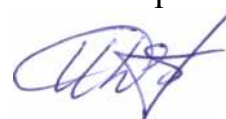


**Federal State Budgetary Educational Institution of Higher Education
«North-Ossetia State Medical Academy»
of the Ministry of Healthcare of the Russian Federation**

Department of Pathological Physiology

Approved
Head of the department, Professor



I. G. Dzhioev

«30» august 2023

THEMATIC PLAN OF PRACTICAL CLASSES
for the fall semester of the 2023-2024 academic year

Discipline of Pathophysiology
Course 3
Medical faculty

№ of theme	The name of the theme	Duration of the lesson (number of hours)
	SECTION I. THE CONCEPT OF THE DISEASE	
1.	PATHOPHYSIOLOGY: subject, goals, tasks and methods. The concept of etiology and pathogenesis.	4
2	Pathogenic effect of external and internal environmental factors. Electric trauma.	4
3	Heredity, variability and pathology.	4
4	Module lesson on the topics " Pathogenic effect of external and internal environmental factors. Heredity, variability and pathology"	4
5	Inflammation (etiology, pathogenesis, principles of therapy).	4
6	ALLERGY. Pseudoallergia. Types I and II according to Jell-Coombs (etiology, pathogenesis, stages, clinical forms, prevention of complications)	4
7	ALLERGY. Types III and IV according to Jell-Coombs (etiology, pathogenesis, stages, clinical forms, prevention of complications).	4

8	Thermoregulation disorders (fever, overheating).	4
9	Module lesson on the topics "Typical pathological processes: inflammation, fever. Allergies".	4
10	Hypoxia, hyperoxia.	4
11	General adaptation syndrome. Stress. Biorhythms	4
12	Module lesson on the topics "Hypoxia. General adaptation syndrome, Biorhythms"	4
	SECTION III PRIVATE PATHOPHYSIOLOGY	
13	Pathophysiology of blood and hematopoietic organs. Pathophysiology of the red blood system. Anemia.	4
14	Pathophysiology of blood and hematopoietic organs. Pathophysiology of the red blood system. Anemia.	4
15	Pathophysiology of the white blood system. Reactive lesions of white blood: leukocytosis, leukopenia.	4
16	Pathophysiology of the white blood system. Leukemias. Leukemoid reactions.	4
17	Pathophysiology of the hemostatic system (plasma, cellular, vascular links).	4
18	Module lesson on the topics "Pathophysiology of the blood system"	4