Speciality “General Medicine”

ACADEMIC DISCIPLINE “CLINICAL PATHOLOGICAL PHYSIOLOGY” of the module "Clinical Pathology and clinical diagnostics"

Academic discipline outline	The mechanisms of the emergence, development, and outcomes of pathological processes, the most common diseases and painful conditions, and the pathogenetic rationale for the principles of their diagnosis, treatment, and prevention. Mechanisms of compensation for structural and functional disorders. Principles for formulating a disease diagnosis.
Resulting skills	Specialized competence. To carry out a pathophysiological analysis of the symptoms and syndromes of diseases, as well as data from clinical, laboratory, and other methods of patient examination.
Learning outcomes	A student must: **know:** etiology, pathogenesis, the most important manifestations of typical pathological processes and reactions and the principles of their diagnosis; principles of etiotropic and pathogenetic treatment of the most common human diseases; **be able to:** explain the origin and mechanisms of the development of symptoms and syndromes of the disease; to justify the choice of diagnostic methods for typical pathological processes and the most common human diseases; to choose optimal pathophysiologically based treatment methods for the most common diseases; **master:** skills of pathophysiological analysis of symptoms and syndromes of diseases, data from clinical, laboratory and other methods of examination of the patient.
Semester(s)	7 semester
Prerequisite	Human Anatomy, Medical Biology and General Genetics, Normal Physiology, Histology, Cytology, Embryology,

	Microbiology, Virology, Immunology, Pharmacology, General Hygiene, Pathological Physiology, Pathological Anatomy, Propaedeutics of Internal Diseases, Radiological Diagnostics and Radiation Therapy.
Credit value	3 credits
Academic hours	54 academic hours, of which: 36 class hours
Forms of midterm attestation	Test