

Level: bachelor				
Course title: Basic Pathophysiology (IB-401)				
Status: elective				
ECTS: 6				
Requirements: none				
Learning objectives: Obtaining the basic knowledge about the pathogenesis of diseases and functional disorders of the organism in changed conditions.				
Learning outcomes: Mastered the fundamentals of the pathophysiological processes that occur in the body as part of numerous diseases.				
Syllabus <i>Theoretical instruction:</i> Study the basic physical, chemical and biological etiological factors in the development of the disease, the body's defence mechanisms, impaired metabolism of proteins, carbohydrates and fats, disorders of immune system, metabolism of enzymes and vitamins, nutrition, disorders of water and electrolyte transport, neural and humoral regulation, malignant neoplasia and basic pathophysiology of organs and organ systems, such as disorders of the gastrointestinal system, urogenital, cardiovascular, respiratory system, and basic pathophysiology of blood and hemostatic mechanism. <i>Practical instruction</i> Students learn about the basics of performing and interpreting laboratory-biochemical, hematological, hemostasis analysis, as well as the basics of functional testing of the organism to other methods.				
Weekly teaching load				Other:
Lectures: 3 (summary 45)	Exercises: 2 (summary 30)	Other forms of teaching:	Student research:	