

Level: PhD				
Course title: Medical physiology – selected parts (DSB 623)				
Status: elective				
ECTS: 15				
Requirements:				
Learning objectives: Explanations of the functioning of the human body from cell system to the level of organ systems. Review mechanisms of connected coordinated activities of the physiological systems - nervous and endocrinal control functionality.				
Learning outcomes: Acquiring new knowledge of regulation of organ systems under physiological conditions.				
Syllabus <i>Theoretical instruction:</i> Basic neuroscience. Biology of neurons. Functional organization of the human body and control of the “Internal environment”. Homeostasis. Feedback system. Structural organization and properties of nervous system. Endocrinology. Introduction to endocrinology. Overview of the important endocrine glands and their hormones.				
Weekly teaching load				Other:
Lectures: 5	Exercises:	Other forms of teaching:	Student research: 5	