

Study programme: Undergraduate Academic Studies / Bachelor with Honours in Sport and Physical Education			
Subject name: PHYSIOLOGY / OA14			
Teacher/Teachers: Lukač Damir, PhD, Naumović Nada, PhD, Drapšin Miodrag, PhD, Karaba Jakovljević Dea, PhD			
Subject status: Mandatory			
ECTS credits: 7			
Requirements: None			
Subject aim The basic aim of the education in physiology is to familiarise students with the basics of functioning of organs and organ systems and the forms of their organisation in complex functional systems.			
Subject outcome Familiarise students with the basic functioning mechanisms of various organ systems and forms of organisations of regulatory mechanisms of complex homeostatic parameters in the functional systems. Learning about complex nervous and humoral regulatory mechanisms of different functional systems.			
Subject content <i>Theory</i> Introduction to physiology, breathing, blood, blood system and lymphatic system, digestion, resorption, flow of matter and energy, thermoregulation, irritable tissues, analysers, muscles, vegetative nervous system, endocrinology, physiology of the central nervous system. <i>Practice</i> Irritable tissues, muscles, digestion, heart and circulation, blood, excretion, analysers, CNS.			
Literature 1) Guyton AC. Medicinska fiziologija, Savremena administracija, 2008. 2) Sterio Đ. i sar. Praktikum iz fiziologije, Medicinski fakultet Novi Sad, 2014. 3) Ivetić V. Test pitanja iz fiziologije, Medicinski fakultet Novi Sad, 2011. 4) Mujović VM. Medicinska fiziologija, Fondacija “Solidarnost Srbije”, Beograd, 2012. 5) Ganong W. Pregled medicinske fiziologije. Savremena administracija, 2015.			
Number of active teaching classes	Theory: 4		Practice: 0
Teaching methods Lectures, practical work			
Knowledge assessment (maximum number of points is 100)			
Pre-exam requirements	points	Final exam	points
engagement in class activities	10	written exam	60
practice	30	oral exam	