

Course description

General information about the course		
1. Major of study: medicine	2. Study level: unified MSc	
	3. Form of study: intramural	
4. Year: I	5. Semester: II	
6. Course name: Introduction to physiology		
7. Course status: required		
8. Course contents and assigned learning outcomes		
<p>The aim of the course is to explain the structure and function of human tissues, endocrine system, heart and circulatory system, respiratory system, urinary system, digestive system and sensory organs. Introduction to physiology prepares students to Physiology I and II courses.</p> <p>Learning outcomes / reference to learning outcomes indicated in the standards</p> <p>For knowledge – student knows and understands: water-electrolyte balance in biological systems/B.W1.; acid-base balance, buffers and their importance in homeostasis/B.W2.; physical laws describing fluid flow and factors influencing blood flow resistance/ B.W5.; physicochemical and molecular mechanisms of sense organs functioning/B.W7.; basic principles of excitation and transmission in nervous system, physiology of striated muscles, smooth muscles and blood functions/B.W20.; functioning and regulatory mechanisms in all organs and systems of human body including circulatory system, respiratory system, digestive system, urinary system, integumentary system and interactions between them/B.W21.;</p>		
9. Number of hours for the course		48
10. Number of ECTS points for the course		6
11. Methods of verification and evaluation of learning outcomes		
Learning outcomes	Methods of verification	Methods of evaluation*
Knowledge	Grade credit – MCQ	

* The following evaluation system has been assumed:

Very good (5,0) – the assumed learning outcomes have been achieved and significantly exceed the required level

Better than good (4,5) – the assumed learning outcomes have been achieved and slightly exceed the required level

Good (4,0) – the assumed learning outcomes have been achieved at the required level

Better than satisfactory (3,5) – the assumed learning outcomes have been achieved at the average required level

Satisfactory (3,0) – the assumed learning outcomes have been achieved at the minimum required level

Unsatisfactory (2,0) – the assumed learning outcomes have not been achieved