Module title: Human Physiology 1+2  
Abbreviation: 03-98-PHY-092-m01

Module coordinator: holders of the Chairs of Cardiovascular Physiology and Neurophysiology  
Module offered by: Faculty of Medicine

ECTS: 10  
Method of grading: Only after succ. compl. of module(s)

Duration: 2 semester  
Module level: undergraduate  
Other prerequisites: Admission prerequisite to assessment: regular attendance of courses (lectures excluded) as specified at the beginning of the course.

Contents
Fundamental principles of physiology and pathophysiology: 1. functions of blood, energy balance and carbohydrate metabolism, nerves and muscles, hearing and vestibular apparatus, eyes and vision; 2. functionality of the cardiovascular system, mechanics of breathing, kidney function and electrolyte balance, acid-base balance.

Intended learning outcomes
Students gain a fundamental knowledge of human physiology and pathophysiology. They develop the ability to understand physiological principles and learn to conduct functional analyses of physiological processes.

Courses
V + V + Ü + Ü (no information on SWS (weekly contact hours) and course language available)

Method of assessment
2 written examinations (approx. 60 minutes each)

Allocation of places
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Additional information
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Referred to in LPO I (examination regulations for teaching-degree programmes)
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Module appears in
Bachelor’ degree (1 major) Biomedicine (2009)  
Bachelor’ degree (1 major) Biomedicine (2013)