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: numerical grade
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 (type, number of weekly contact hours, language — if other than German)  
V + V + Ü + Ü (no information on SWS (weekly contact hours) and course language available)

Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)  
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)