

Module title		Abbreviation
Human Physiology 2		03-98-PHY2-202-m01
Module coordinator		Module offered by
holders of the Chairs of Cardiovascular Physiology and Neurophysiology		Faculty of Medicine
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	undergraduate	--
Contents		
Learn basic principles of physiology and pathophysiology. The focus is on the processes of neuronal excitation, the coordination of motor nerves and muscles and the sensory nerve functions. Further content includes the functions of the blood, thermoregulation of the human body and carbohydrate balance, exercise physiology, acoustics with the vestibular system and optics. Application of the necessary techniques.		
Intended learning outcomes		
Professional work with measuring devices to record the necessary parameters on humans and evaluation of the measured values obtained for the analysis of bodily functions. Checking, evaluating and error analysis of the results. Understanding of the physiological principles and their importance for human diseases. Independent work and problem-oriented learning through presentation and discussion of the measurement results and the organ functions derived from them. Acquiring the ability to discuss scientific and medical aspects of physiology and pathophysiology.		
Courses (type, number of weekly contact hours, language — if other than German)		
V (3) + Ü (3)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
Written examination (approx. 60 minutes) Assessment offered: Once a year, summer semester		
Allocation of places		
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Additional information		
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Workload		
150 h		
Teaching cycle		
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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 (2020)		