### Module title
Human Physiology 1

### Abbreviation
03-98-PHY1-152-m01

### Module coordinator
holders of the Chairs of Cardiovascular Physiology and Neurophysiology

### Module offered by
Faculty of Medicine

### ECTS
5

### Method of grading
numerical grade

### Only after succ. compl. of module(s)
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### Duration
1 semester

### Module level
undergraduate

### Other prerequisites
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### Contents
Fundamental principles of physiology and pathophysiology 1: functionality of the cardiovascular system - part I and II, electrocardiogram, membrane physiology, 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)

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### 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, winter semester

### 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 (2015)
- Bachelor' degree (1 major) Biomedicine (2018)