### Module title

**Basic Physiology I**

### Abbreviation

07-LA-PHY1-092-m01

### Module coordinator

Dean of Studies Biologie (Biology)

### Module offered by

Faculty of Biology

### ECTS

4

### Method of grading

Numerical grade

### Only after succ. compl. of module(s)

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### Duration

1 semester

### Module level

Undergraduate

### Other prerequisites

Admission prerequisite to assessment: regular attendance of exercises, seminars and lab courses (weekly courses: a maximum of one incident of unexcused absence and one excused absence for a legitimate reason; fortnightly courses: one incident of unexcused absence) and successful completion of the respective exercises (required percentage as specified at the beginning of the course). The preparation of logs (10 to 15 pages) is an admission prerequisite to assessment.

### Contents

This module will acquaint students with the principles of the general and comparative physiology of organisms and will provide them with an opportunity to develop the fundamental skills for working in a physiological laboratory. The course will first explain the biochemical bases of the reactions within cells as well as how these reactions are coordinated. The module will then move on to discuss the physiological processes that regulate the internal environment of multicellular organisms such as plants and animals.

### Intended learning outcomes

Students have developed an understanding of the physiological functions and regulation of organisms. They have acquired fundamental knowledge on planning, setup, interpretation and presentation of scientific results.

### Courses

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

### Method of assessment

Written examination (approx. 30 to 60 minutes)

### Allocation of places

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### Additional information

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### Referred to in LPO I (examination regulations for teaching-degree programmes)

§ 41 (1) 2. "Physiologie der Pflanzen und Tiere"

§ 61 (1) 2. Biologie "Physiologie der Pflanzen und Tiere"

### Module appears in

- First state examination for the teaching degree Grundschule Biology (2009)
- First state examination for the teaching degree Hauptschule Biology (2009)
- First state examination for the teaching degree Realschule Biology (2009)
- First state examination for the teaching degree Gymnasium Biology (2009)
- First state examination for the teaching degree Mittelschule Biology (2013)