## Module description

### Module title
Plant Physiology

### Abbreviation
07-2A2PHYPF-152-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: exercises. Regular attendance (minimum 80%) and successful completion of exercises (approx. 25 to 30 hours) are prerequisites for admission to assessment.

### Contents
This module will acquaint students with the principles of general plant physiology and will provide them with an opportunity to develop the fundamental skills for working in a biological laboratory. The module will first address the biochemistry of the cell and will then move on to discuss the physiological processes that regulate the internal environment of plants in particular. Using the example of plants, the module will introduce students to the general principles of physiology. The module will also elaborate on the characteristic peculiarities of plants in comparison with animals and prokaryotes.

### Intended learning outcomes
- Familiarity with general physiological processes in plants and the regulation of these.
- Familiarity with the factors that distinguish plant physiology from animal and prokaryotic physiology.
- Fundamental knowledge and skills on how to perform, analyse and present scientific experiments.
- Essential lab skills.
- Familiarity with methods for the investigation of fundamental physiological processes in plants.

### Courses
(V 1) + Ü (2)

### Method of assessment
Written examination (approx. 60 minutes)
Creditable for bonus

### Allocation of places
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### Additional information
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### Referred to in LPO I
§ 61 I Nr. 2

### Module appears in
- Bachelor’s degree (1 major) Biology (Minor, 2015)
- Bachelor’s degree (1 major) Mathematics (2015)
- Bachelor’s degree (1 major) Computational Mathematics (2015)
- Bachelor’s degree (1 major, 1 minor) Biology (Minor, 2015)
- Bachelor’s degree (1 major) Biology (2017)