Module title			Abbreviation
Plant Kingdom			07-LA-BIO1-PF-152-m01
Module coordinator		**Module offered by**	
holder of the Chair of Plant Physiology and Biophysics		Faculty of Biology	
ECTS	**Method of grading**	**Only after succ. compl. of module(s)**	
4	numerical grade	--	
Duration	**Module level**	**Other prerequisites**	
1 semester	undergraduate	--	

Contents

The lecture will discuss the evolution and systematics of plants and fungi as well as the anatomy of higher plants. Students will acquire a fundamental knowledge of the major cell and tissue types of higher plants from germination to reproduction. In addition, important groups of fungi, algae, mosses and vascular plants will be discussed in the context of evolutionary biology. Using the example of selected species, the course will investigate the anatomy and evolutionary biology of lower and higher plants. In this context, students will practise working with light microscopes and magnifying glasses and will acquire fundamental preparation skills. They will prepare drawings, documenting and interpreting what they have seen. Media aids will also be used in the exercise.

Intended learning outcomes

Students have acquired an advanced knowledge in the area of animal ecology. They are able to design simple ecological lab and field experiments as well as to interpret and present their findings.

Courses (type, number of weekly contact hours, language — if other than German)

V (1.5) + Ü (2.5)

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)
creditable for bonus

Allocation of places

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Additional information

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

§ 61 I Nr. 1
§ 41 I Nr. 1

Module appears in

First state examination for the teaching degree Grundschule Biology (2015)
First state examination for the teaching degree Realschule Biology (2015)
First state examination for the teaching degree Gymnasium Biology (2015)
First state examination for the teaching degree Mittelschule Biology (2015)
First state examination for the teaching degree Mittelschule Biology (2020 (Prüfungsordnungsversion 2015))