Module title

Specific Ecology and Ecophysiology of Plants (Practical Course and Seminar 1)

Abbreviation

07-MS3PÖF1-102-m01

Module coordinator

holder of the Chair of Ecophysiology and Vegetation Ecology

Module offered by

Faculty of Biology

ECTS

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Method of grading

numerical grade

Only after succ. compl. of module(s)

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Duration

1 semester

Module level

graduate

Other prerequisites

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Contents

Under guidance, students will investigate a current problem in ecology/ecophysiology (e.g. plant-insect and plant-fungus interactions, biogeography, characterisation of plant surfaces, cuticular barrier properties). Working concepts and complex experiments will be designed, and the results will be documented and presented in the form of presentations, publications or logs. Students will be involved in ongoing research and will consolidate their skills in the application of advanced methods in ecophysiology, analytical chemistry or molecular biology.

Intended learning outcomes

Students have gained knowledge on experimental setups and methods used in the field of plant ecophysiology. They are able to design scientific research, to collect data and to interpret them statistically, adhering to the principles of good scientific practice.

Courses

S + P (no information on SWS (weekly contact hours) and course language available)

Method of assessment

(type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)

Students will be informed about the length and scope of the assessment prior to the course. Usually, one of the following options will be chosen: a) written examination (30 to 60 minutes, including multiple choice questions) or b) log (approx. 10 to 30 pages) or c) oral examination of one candidate each (30 to 60 minutes) or d) oral examination in groups of up to 3 candidates (approx. 30 to 60 minutes) or e) presentation (20 to 45 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)

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Module appears in

Master's degree (1 major) Biology (2011)
Master's degree (1 major) Biology (2010)
Master's degree (1 major) Biology (2014)