

<b>Module title</b>		<b>Abbreviation</b>
Specific Ecology and Ecophysiology of Plants (Practical Course and Seminar 2)		07-MS3PÖF2-102-m01
<b>Module coordinator</b>		<b>Module offered by</b>
holder of the Chair of Ecophysiology and Vegetation Ecology		Faculty of Biology
<b>ECTS</b>	<b>Method of grading</b>	<b>Only after succ. compl. of module(s)</b>
15	(not) successfully completed	--
<b>Duration</b>	<b>Module level</b>	<b>Other prerequisites</b>
1 semester	graduate	Admission prerequisite to assessment: regular attendance of lab course and successful completion of the respective exercises as specified at the beginning of the course.
<b>Contents</b>		
<p>Students will work on projects taken from ongoing research in plant ecology and ecophysiology (e. g. plant-insect-, plant-fungus interactions; biogeography; characterisation of plant surfaces, cuticular barrier properties). They will do this work to a large extent on their own responsibility. Based on the results obtained, the ecophysiological, analytical, molecular biological and/or microbiological methods applied (e. g. measurement of transpiration, chromatography, mass spectrometry, fluorescence microscopy, PCR, cloning strategies) will be critically assessed and, where necessary, modified. Students will document and discuss the progress of their work and of the project as a whole in the form of a presentation, a publication or a term paper.</p>		
<b>Intended learning outcomes</b>		
<p>Students are able to scientifically work on a topic in plant ecophysiology. They are able to answer and to discuss questions asked in the field of chemical ecology. They are able to work according to good practice and to document, interpret and to discuss their results. They have developed the ability to apply specific techniques required to answer scientific questions.</p>		
<b>Courses</b> (type, number of weekly contact hours, language – if other than German)		
S + P (no information on SWS (weekly contact hours) and course language available)		
<b>Method of assessment</b> (type, scope, language – if other than German, examination offered – if not every semester, information on whether module is creditable for bonus)		
<p>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)</p>		
<b>Allocation of places</b>		
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<b>Additional information</b>		
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<b>Workload</b>		
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<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
<p>Master's degree (1 major) Biology (2011)  Master's degree (1 major) Biology (2010)  Master's degree (1 major) Biology (2014)</p>		