

<b>Module title</b>		<b>Abbreviation</b>
The Plant Kingdom		07-1A1ZPF-132-m01
<b>Module coordinator</b>		<b>Module offered by</b>
holder of the Chair of Plant Physiology and Biophysics		Faculty of Biology
<b>ECTS</b>	<b>Method of grading</b>	<b>Only after succ. compl. of module(s)</b>
5	numerical grade	--
<b>Duration</b>	<b>Module level</b>	<b>Other prerequisites</b>
1 semester	undergraduate	Admission prerequisite to assessment: regular attendance of exercises (minimum 80%) and successful completion of the respective exercises (approx. 25 to 30 hours).
<b>Contents</b>		
<p>Using the example of plants, students will be introduced to the phylogenetic diversity of eukaryotes in particular. At the level of groups in the plant kingdom, students will acquire the fundamental knowledge necessary to understand the forms and functions of plant organisms, with morphology and cytology being discussed in an evolutionary and ecological context. The contents of the module are relevant for biological disciplines at all levels of biological organisation. Students will also acquire and practise some of the fundamental preparation skills bioscientists are often required to possess.</p>		
<b>Intended learning outcomes</b>		
<p>- Knowledge of the specific characteristics of the intracellular and extracellular structures of plant cells and fungi. - Ability to recognise evolution as the driving force behind the phylogeny of species. - Familiarity with the concepts of phylogenetic relationships between plants/fungi. - Familiarity with the distinguishing characteristics and major representatives of fungi as well as groups in the plant kingdom. - Ability to select those plant and fungal organisms that are most suitable for particular scientific issues. - Familiarity with the components and functioning of microscopes. - Fundamental skills in the interpretation of macroscopic and histologic preparations by light microscopy. - Fundamental preparation skills.</p>		
<b>Courses</b> (type, number of weekly contact hours, language – if other than German)		
V + Ü (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)		
written examination (approx. 60 minutes)		
<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>Teaching cycle</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>		
Bachelor' degree (1 major) Biology (2013)		
Bachelor's degree (1 major, 1 minor) Biology (Minor, 2013)		