

Module title		Abbreviation
Applying Environmental Education with a Variety of Teaching Methods in the Teach'n'LearnGarden		07-HRGy-PRJLLG-112-mo1
Module coordinator		Module offered by
head of group Didactics of Biology		Faculty of Biology
ECTS	Method of grading	Only after succ. compl. of module(s)
3	(not) successfully completed	--
Duration	Module level	Other prerequisites
2 semester	undergraduate	Admission prerequisite to assessment: regular attendance of courses (fortnightly courses: a maximum of one incident of unexcused absence; weekly courses: a maximum of 2 incidents of unexcused absence).
Contents		
<p>This module will provide participants with an overview of biology experiments that are suitable for introducing pupils to science, experiments that can be performed in a teach'n'learn lab and can be incorporated into the biology classroom at <i>Gymnasium (Mittelstufe and Oberstufe)</i>. Having gained an overview of traditional and modern methods in biology, participants will learn to incorporate these into school-specific experiments. Students will prepare classroom and lab sessions, will be trained in important techniques for measuring how effective a session was and will practise teaching these sessions to their fellow students in the teach'n'learn lab/teach'n'learn garden. Particular emphasis will be placed on ensuring that it is possible to implement the methods both with groups of pupils in the teach'n'learn lab and in the biology classroom at a <i>Gymnasium</i>.</p>		
Intended learning outcomes		
<p>Knowledge of both traditional and modern methods in biology. Ability to forge and maintain links with out-of-classroom learning environments. Ability to prepare sessions in a teach'n'learn lab and perform the respective follow-up work. Insight into how sessions in the teach'n'learn lab may raise the pupils' level of motivation and interest in biology in general and current topics in biology in particular. Knowledge of how out-of-classroom sessions in the teach'n'learn lab/teach'n'learn garden may be incorporated into biology lessons and, in particular, into lessons designed to introduce pupils in <i>Oberstufe Gymnasium</i> to science. Overview of current topics in didactics as well as potential developments in research on biology didactics. Ability to assess and evaluate the cognitive learning achievement of pupils.</p>		
Courses (type, number of weekly contact hours, language – if other than German)		
Ü + E (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)		
a) presentation (20 to 30 minutes) or b) term paper (7 to 10 pages)		
Allocation of places		
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Additional information		
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Workload		
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Teaching cycle		
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Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
keinem Studiengang zugeordnet		

