

<b>Module title</b>		<b>Abbreviation</b>
Ecology of Honey Bees and Wild Bees		07-MHWB-152-m01
<b>Module coordinator</b>		<b>Module offered by</b>
holder of the Chair of Animal Ecology and Tropical Biology		Faculty of Biology
<b>ECTS</b>	<b>Method of grading</b>	<b>Only after succ. compl. of module(s)</b>
3	numerical grade	--
<b>Duration</b>	<b>Module level</b>	<b>Other prerequisites</b>
1 semester	graduate	--
<b>Contents</b>		
Introduction to the life of honeybees and wild bees; principles and techniques of beekeeping (colony management, breeding, diseases); resource use of honeybees and wild bees (bee dances, flower visiting, pollen analysis, foraging behaviour, nesting aid); taxonomy of wild bees, opponents of bees, wild bees in different habitats (field trip), honeybee field trip, e. g. visit to the bee centre in Veitshöchheim.		
<b>Intended learning outcomes</b>		
The students will expand their knowledge on the biology and ecology of wild and honeybees, on interactions between bees and plants, and on aspects of nature conservation. They will be proficient in experimental methods of pollination ecology, the management of trial colonies, pollen analysis, and the determination of wild bees.		
<b>Courses</b> (type, number of weekly contact hours, language – if other than German)		
Ü (5) Module taught in: German and/or English		
<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)		
a) written examination (approx. 30 to 60 minutes, including multiple choice questions) or b) log (approx. 15 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 (30 to 60 minutes) or e) presentation (approx. 20 to 45 minutes) Language of assessment: German and/or English		
<b>Allocation of places</b>		
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<b>Additional information</b>		
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<b>Workload</b>		
90 h		
<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>		
Master's degree (1 major) Biology (2015) Master's degree (1 major) Biosciences (2016) Master's degree (1 major) Biosciences (2017)		