

<b>Module Name</b>	<b>Module Code</b>
Conservation Biology	AEF-EM040
<b>Module Coordinator</b>	
Prof. Dr. Tim Diekötter	
<b>Organizer</b>	
Institute for Natural Resource Conservation - Landscape Ecology	
<b>Faculty</b>	
Faculty of Agricultural and Nutritional Sciences	
<b>Examination Office</b>	
Faculty of Agricultural and Nutritional Sciences - Examination Office	

<b>ECTS Credits</b>	6
<b>Evaluation</b>	Graded
<b>Duration</b>	one semester
<b>Frequency</b>	Only takes place during winter semesters
<b>Workload per ECTS Credit</b>	30 hours
<b>Total Workload</b>	180 hours
<b>Contact Time</b>	60 hours
<b>Independent Study</b>	120 hours
<b>Teaching Language</b>	English

<b>Module Courses</b>			
<b>Course Type</b>	<b>Course Name</b>	<b>Compulsory/Optional</b>	<b>SWS</b>
Lecture	Principles of Conservation Biology	Compulsory	1
Exercise	Techniques and Tools in Conservation Biology	Compulsory	3

<b>Examination(s)</b>				
<b>Examination Name</b>	<b>Type of Examination</b>	<b>Evaluation</b>	<b>Compulsory / Optional</b>	<b>Weighting</b>
Oral Examination: Conservation Biology	Oral Examination	Graded	Compulsory	100
<b>Further Information on the Examination(s)</b>				
1.+2. period in winter semester 1. period in summer semester  examiner: Prof. Dr. Diekötter QIS: 78900 with number of Examination 78910				

<b>Course Content</b>
<p>Students are able to analyze the threats to species, habitats and ecosystems protection. They are able to develop sustainable solutions to key issues in conserving biodiversity on the basis of sound ecological knowledge as well as legal regulations.</p> <p>The module focuses on national, pan European as well as international examples in conservation biology.</p>
<b>Learning Outcome</b>
<p>Principles of conservation Biology:          Concept of biodiversity, value of biodiversity, threats to biodiversity, scientific foundations of conservation biology, metapopulation theory, population dynamics, conservation genetics, ecosystem dynamics, reserve design, reserve networks, segregation/integration, surrogates in conservation biology.</p> <p>Techniques and Tools in Conservation          Biology: Students will apply current techniques and tools in conservation biology and discuss the outcome of these exercises in the light of the lectures content.</p>
<b>Reading List</b>
<p>Primack RB (2014) Essentials of Conservation Ecology. Macmillan Education          Andel van J, Aronson J (2012) Restoration Ecology: The New Frontier. Wiley-Blackwell          and literature advertised in the course of the module</p>
<b>Additional Information</b>
<p>Maximum number of participants: 26          Enrollment by OLAT within workdays Monday through Friday in the 1st week of the 2. audit period of the preceding semester. Following information are necessary:          matriculation number          last name          first name          striven degree          study program          stu-Email</p> <p>The allocation of the places takes place in the 2nd week of the 2. audit period of the preceding semester. Acceptance of the place by students only through participation at the first day of the course. Students without a place can get a place at the first day of the course by move-up procedure.</p>

<b>Use</b>	<b>Compulsory / Optional</b>	<b>Semester</b>
Master, 1-Subject, Agricultural Sciences, Specialisation Agricultural Economics, (Version 2017)	Optional	-
Master, 1-Subject, Agricultural Sciences, Specialisation Agricultural Economics, (Version 2013)	Optional	-
Master, 1-Subject, Agricultural Sciences, Specialisation Agribusiness, (Version 2017)	Optional	-
Master, 1-Subject, Agricultural Sciences, Specialisation Agribusiness, (Version 2013)	Optional	-
Master, 1-Subject, Agricultural Sciences, Specialisation Crop Sciences, (Version 2017)	Optional	-
Master, 1-Subject, Agricultural Sciences, Specialisation Crop Sciences, (Version 2013)	Optional	-
Master, 1-Subject, Agricultural Sciences, Specialisation Animal Sciences, (Version 2017)	Optional	-
Master, 1-Subject, Agricultural Sciences, Specialisation Animal Sciences, (Version 2013)	Optional	-
Master, 1-Subject, Agricultural Sciences, Specialisation Environmental Sciences, (Version 2017)	Optional	-
Master, 1-Subject, Agricultural Sciences, Specialisation Environmental Sciences, (Version 2013)	Optional	-
Master, 1-Subject, Environmental Management, (Version 2017)	Optional	-
Master, 1-Subject, Nutritional and Food Science, (Version 2013)	Optional	-
Master, 1-Subject, Nutritional and Consumer Economics, (Version 2017)	Optional	-
Master, 1-Subject, Nutritional and Consumer Economics, (Version 2013)	Optional	-