

Module Name	Module Code
Conservation Biology	EMAEF040-01a
Module Coordinator	
Prof. Dr. Tim Diekötter	
Organizer	
Institute for Natural Resource Conservation - Landscape Ecology	
Faculty	
Faculty of Agricultural and Nutritional Sciences	
Examination Office	
Faculty of Agricultural and Nutritional Sciences - Examination Office	

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

Module Courses			
Course Type	Course Name	Compul- sory/Optional	SWS
Lecture	Conservation Biology	Compulsory	1
Practical exercise	Techniques and Tools in Conservation Biology	Compulsory	3
Prerequisites for Admission to the Examination(s)			
passed assignments			

Examination(s)				
Examination Name	Type of Examination	Evaluation	Compulsory / Optional	Weighting
Project: Conservation Biology	Project	Graded	Compulsory	100
Further Information on the Examination(s)				
1.+2. period in winter semester 1. period in summer semester examiner: Prof. Dr. Diekötter QIS: 78901with number of Examination 78920				

Course Content
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 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.
Learning Outcome
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. The module focuses on national, pan European as well as international examples in conservation biology.
Reading List
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
Additional Information
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: student ID Last name first name striven degree study program stu-Mail 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.

Use	Compulsory / Optional	Semester
Master, 1-Subject, Environmental Management, Double-Degree-Agreement with Adam-Mickiewicz-University, Polen (UAM), (Version 2020)	Optional	-
Master, 1-Subject, Environmental Management, Double-Degree-Agreement with Irkutsk State University, Russland (ISU), (Version 2020)	Optional	-
Master, 1-Subject, Environmental Management, (Version 2020)	Optional	-
Master, 1-Subject, International Master in Applied Ecology, (Version 2020)	Optional	-
Master, 1-Subject, Sustainability, Society and the Environment, (Version 2020)	Optional	-