Module Name	Module Code
Integrated Management of Rural & Woodland Regions	agrarAEF078-01a
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	ein Semester
Frequency	Only takes place during summer 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**
Field trip	Integrated Management of Rural & Woodland Regions	Compulsory	1
Practical exercise	Integrated Management of Rural & Woodland Regions	Compulsory	3
Prerequisits for Admission to the Examination(s)			
Regular visits of excursion is necessary.			

Examination(s)				
Examination Name	**Type of Examination**	**Evaluation**	**Compulsory / Optional**	**Weighting**
Seminar Paper with Assignment: Integrated Management of Rural & Woodland Regions	Seminar Course-work	Graded	Compulsory	100
Further Information on the Examination(s)				
1.+2. period in summersemester 1. period in wintersemester examiner: Prof. Dr. Diekötter QIS: 75402 with number of Examination 75420 **A new topic will be assigned every time the current exam period will not be met.**				

Short Summary
Students will experience and analyse how different management systems affect the structure of landscapes and land-use types and patterns of biodiversity therein. Thereby students will learn to evaluate different land-use systems by taking on different perspectives, by using appropriate sources of knowledge and applying different methodological tools. It is the course's aim to provide a basic insight into the integrated management of rural and woodland regions.
Course Content
It is the course's objective to familiarize students with different management types of rural and woodland systems. Thematic aspects under this topic will be prepared in talks and group discussions before a 3-day excursion. During this excursion, effects of land use on abiotic conditions, landscape structure, biodiversity and associated ecosystem services in these systems will be discussed with local experts in the field. Exemplarily, patterns of land use and forest structure as well as selected components of biodiversity will be quantified in the field. So collected data will be processed and analysed using GIS in the lab. In combination with additionally provided data, patterns of landscape and forest structure will be related to patterns of biodiversity.
Learning Outcome
Students will learn how to use scientific knowledge as a basis for the management of ecosystems. They will gain basic skills in using geographic information systems GIS and the freely available statistical software R. Participants will learn to link basic ecological knowledge to issues of environmental management. They will learn to take on different perspectives in the evaluation of environmental issues and utilize the resulting insights for an adaptive ecosystem management.
Reading List
Meffe GK et al. (2002) Ecosystem management : adaptive, community-based conservation Articles provided during the course.

Additional Information

Maximum number of participants: 24
Enrollment by OLAT within workdays Monday through Friday in the 1nd 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-Emai
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.Priority will be given to students from M.Sc. Agricultural Sciences specialisation envionmental sciences.

Use	Compulsory / Optional	Semester
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)	Compulsory	-
Master, 1-Subject, Agricultural Sciences, Specialisation Environmental Sciences, (Version 2013)	Compulsory	-
Master, 1-Subject, Agricultural Sciences, Specialisation Environmental Sciences, (Version 2008)	Optional	-
Master, 1-Subject, Biology, (Version 2015)	Optional	-
Master, 1-Subject, Biology, (Version 2011)	Optional	-
Master, 1-Subject, Biology, (Version 2007)	Optional	-
Master, 1-Subject, Dairy Science, (Version 2017)	Optional	-
Master, 1-Subject, Environmental Management, (Version 2017)	Optional	-
Master, 1-Subject, Environmental Management, (Version 2013)	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	-
Master, 1-Subject, Sustainability, Society and the Environment, (Version 2013)	Optional	-