

Module Name	Module Code
Integrated Coastal Zone Management	AEF-EM032
Module Coordinator	
Dr. Tobias Donath	
Organizer	
Institute for Natural Resource Conservation - Ecosystem Management	
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

Recommended Requirements			
UNESCO provided the comprehensive study: "Handbook for measuring the progress and outcomes of integrated coastal and ocean management" (http://unesdoc.unesco.org/images/0014/001473/147313e.pdf). Reading this handbook will provide a sound preparation for attending this module			
Module Courses			
Course Type	Course Name	Compulsory/Optional	SWS
Lecture	Integrated Management of Coastal Zones	Compulsory	2
Field trip	Integrated Management of Coastal Zones	Compulsory	0,5
Exercise	Integrated Management of Coastal Zones	Compulsory	1,5
Prerequisites for Admission to the Examination(s)			
Regulare visits of excursion is necessary			

Examination(s)				
Examination Name	Type of Examination	Evaluation	Compulsory / Optional	Weighting
Seminar Paper with Assignment: Integrated Coastal Zone Management	Seminar Course-work	Graded	Compulsory	100
Further Information on the Examination(s)				
1.+2. period in wintersemester 1. period in summersemester examiner: Dr. Donath, Dr. Ulrich QIS: 77101 with number of Examination 77120				

Course Content
Holistic and integrative analysis and assessment of the human impact on coastal zones due to the human utilization of natural resources. Development of sustainable and socially accepted mitigations and measures to reduce risks. Through scenarios and examples different management options are evaluated in working groups.
Learning Outcome
Students are able to identify the ecological, economical and social components of integrated coastal zone management and are able to relate these aspects to one another. Participants are able to understand the specific characteristics of coastal zones and use this knowledge to find appropriate management measures. Students are able to understand the different points of view of local stakeholders and are able to communicate with them appropriately.
Reading List
J. K. Clark (1996): Coastal zone Management handbook, CRC Press EU 2000: Recommendations for implementation of an ICZM strategy in Europe B. Glaeser (edt.) (1999): Coastal planning and Management Gee, K., Kannen, A. & Sterr, H. (2000): ICZM – what lessons for Germany and Europe. FTZ-Bericht 21 Pink, A. (2000): Integrated Coastal zone Management; Strategies and Technologies for ICZM. ICG UNSECO (2006): A handbook of measuring the progress and outcomes of Integrated Coastal and Ocean Management.

Additional Information

Maximum number of participants: 20

Due to scientific direction of the module, students of Environmental Management, Sustainability, Society and the Environment, Applied Ecology have priority. Vacant places are provided to students from other master programs.

Enrollment by OLAT within workdays Monday through Friday in the 1st week of the 2. audit period of the preceding semester. Following information is necessary:

Matriculation number

last name

first name

striven degree

study programm

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.

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Use	Compulsory / Optional	Semester
Master, 1-Subject, Agricultural Sciences, Specialisation Agricultural Economics, (Version 2017)	Optional	3.
Master, 1-Subject, Agricultural Sciences, Specialisation Agricultural Economics, (Version 2013)	Optional	3.
Master, 1-Subject, Agricultural Sciences, Specialisation Agribusiness, (Version 2017)	Optional	3.
Master, 1-Subject, Agricultural Sciences, Specialisation Agribusiness, (Version 2013)	Optional	3.
Master, 1-Subject, Agricultural Sciences, Specialisation Crop Sciences, (Version 2017)	Optional	3.
Master, 1-Subject, Agricultural Sciences, Specialisation Crop Sciences, (Version 2013)	Optional	3.
Master, 1-Subject, Agricultural Sciences, Specialisation Animal Sciences, (Version 2017)	Optional	3.
Master, 1-Subject, Agricultural Sciences, Specialisation Animal Sciences, (Version 2013)	Optional	3.
Master, 1-Subject, Agricultural Sciences, Specialisation Environmental Sciences, (Version 2017)	Optional	3.
Master, 1-Subject, Agricultural Sciences, Specialisation Environmental Sciences, (Version 2013)	Optional	3.
Master, 1-Subject, Dairy Science, (Version 2017)	Optional	3.
Master, 1-Subject, Environmental and Resource Economics, (Version 2014)	Optional	3.
Master, 1-Subject, Environmental Management, (Version 2017)	Optional	3.
Master, 1-Subject, Environmental Management, (Version 2013)	Optional	3.
Master, 1-Subject, Nutritional and Food Science, (Version 2013)	Optional	3.
Master, 1-Subject, Nutritional and Consumer Economics, (Version 2017)	Optional	3.
Master, 1-Subject, Nutritional and Consumer Economics, (Version 2013)	Optional	3.
Master, 1-Subject, Sustainability, Society and the Environment, (Version 2013)	Optional	3.
Master, 1-Subject, Environmental Geography and Management, (Version 2015)	Optional	3.
Master, 1-Subject, Environmental Geography and Management, (Version 2013)	Compulsory	3.
Master, 1-Subject with Minor Subject, Prehistoric and Historic Archeology, (Version 2007)	Optional	3.