

Module Name	Module Code
Economic Valuation of Environmental Services	EMAEF048-01a
Module Coordinator	
Prof. Dr. Marie-Catherine Riekhof	
Organizer	
Institut für Agrarökonomie - Politische Ökonomie des Ressourcenmanagements mit Schwerpunkt auf Meeres- und Küstenressourcen	
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	German

Recommended Requirements			
Introduction into Economics			
Module Courses			
Course Type	Course Name	Compulsory/Optional	SWS
Lecture	Economic Valuation of Environmental Services	Compulsory	2
Practical exercise	Economic Valuation of Environmental Services	Compulsory	2

Examination(s)				
Examination Name	Type of Examination	Evaluation	Compulsory / Optional	Weighting
Written Examination: Economic Valuation of Environmental Services	Written Examination	Graded	Compulsory	100
Further Information on the Examination(s)				
1.+2. period in winter semester 1. period in summer semester examiner: Prof. Dr. Marie-Catherine Riekhof QIS: 72800 with number of Examination 72810				

Course Content
<p>The environment provides many services, like clean air, carbon capturing or protection against floods or erosion. These ecosystem services are not traded on a market and accordingly do not have an observable market price. To show the value of environmental services, e.g. to evaluate policy measures that enhance or reduce ecosystem services, we need approaches for nevertheless quantifying the value of environmental services. In this course, several methods for non-market valuation of environmental services are introduced, discussed, and applied. Accordingly, the course includes economic theory, empirical methods, and concrete examples.</p>
Learning Outcome
<p>Students will</p> <ol style="list-style-type: none"> 1. understand the purpose for economic valuation of environmental services, 2. know different concepts for valuing environmental services as well as the concepts' strengths and weaknesses, 3. apply selected concepts to value ecosystem services.
Reading List
<p>Part III of "A Course in Environmental Economics Theory, Policy, and Practice" by Phaneuf and Requate, 2017, Cambridge University Press, NY. Additional recommended textbooks and papers are included in a more detailed outline of the course, which will be distributed at the beginning of the course. Further, all teaching material including the slides used in the lecture will be made available.</p>
Additional Information
<p>Maximum number of participants: 20 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 program stu-Email 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>

Use	Compulsory / Optional	Semester
Master, 1-Subject, Agricultural Sciences, Specialisation Agricultural Economics, (Version 2017)	Optional	-
Master, 1-Subject, Agricultural Sciences, Specialisation Agribusiness, (Version 2017)	Optional	-
Master, 1-Subject, Agricultural Sciences, Specialisation Crop Sciences, (Version 2017)	Optional	-
Master, 1-Subject, Agricultural Sciences, Specialisation Animal Sciences, (Version 2017)	Optional	-
Master, 1-Subject, Agricultural Sciences, Specialisation Environmental Sciences, (Version 2017)	Optional	-
Master, 1-Subject, Dairy Science, (Version 2017)	Optional	-
Master, 1-Subject, Environmental Management, (Version 2020)	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	-