

Module Name	Module Code
Field Experiment in Grass and Forage Science	agrarAEF867-01a
Module Coordinator	
Prof. Dr. Friedhelm Taube	
Organizer	
Institute of Crop Science and Plant Breeding - Organic Agriculture	
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 summer semesters
Workload per ECTS Credit	30 hours
Total Workload	180 hours
Contact Time	60 hours
Independent Study	120 hours
Teaching Language	English

Recommended Requirements			
Skills in forage production in terms of yield formation forage quality and environmental effects.			
Module Courses			
Course Type	Course Name	Compulsory/Optional	SWS
Lecture	Field Experiment in Grass and Forage Science	Compulsory	2
Internship	Field Experiment in Grass and Forage Science	Compulsory	1
Seminar	Field Experiment in Grass and Forage Science	Compulsory	1
Prerequisites for Admission to the Examination(s)			
Regular visits of practical exercises are necessary for the examination.			

Examination(s)				
Examination Name	Type of Examination	Evaluation	Compulsory / Optional	Weighting
Oral Examination: Field Experiment in Grass and Forage Science	Oral Examination	Graded	Compulsory	50
Seminar Paper with Assignment: Field Experiment in Grass and Forage Science	Seminar Course-work	Graded	Compulsory	50
Further Information on the Examination(s)				
1.+2. period in summersemester 1. period in wintersemester examiner: Dr. Reinsch and Dr. A. Poyda QIS: 69800 with number of Examination 69810+69820				

Course Content
Teaching of different experimental designs in grass and forage science. Practical exercises in the field and laboratory covering different topics and measuring techniques (e.g. yield and quality estimations, environmental parameters). Introduction in data processing and graphical outputs.
Learning Outcome
Students achieve knowledge to establish field experiments in order to give answers on the given experimental questions. Teaching will include the ability to use different methods for yield and quality analysis. Students will be able to process data by their own and present them in an appropriate way.
Reading List
Clewer, A.G., Scarisbrick, D.H. (2001): Practical statistics and experimental design for plant and crop science. John Wiley and Sons Ltd, Chichester, UK. Further recommendations are given at the beginning of the lecture.
Additional Information
This course has limited capacities: 20 students Enrolment 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.

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)	Optional	-
Master, 1-Subject, Agricultural Sciences, Specialisation Environmental Sciences, (Version 2013)	Optional	-
Master, 1-Subject, Dairy Science, (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	-