

Module Name	Modulcode
Field Experiment in Grass and Forage Science	agraraEF867-02a
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. A prerequisite for admission to the examination is a passed and graded seminar paper. The preliminary examination is not an examination, i.e. no credit points are credited for passing it. For the information of the students, Prüfungsvorleistungen can be graded. An exception is made in the case of bonus regulations (in this case, 50% of the preliminary examination can be included in the overall grade), whereby a lower grade is excluded. The failed preliminary examination can be repeated indefinitely.			

Examination(s)			
Examination Name	Type of Examination	Evaluation	Compulsory / Weighting Optional
Oral Examination: Field Experiment in Grass and Forage Science	Oral Examination	Graded	Compulsory 100

Further Information on the Examination(s)
<p>1.+2. Audit period in summer semester (current semester of module) 1. Audit period in winter semester (1. audit period of the following semester)</p> <p>QIS: Code 69801 with number of examination 69830</p>

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
<p>Clewer, A.G., Scarisbrick, D.H. (2001): Practical statistics and experimental design for plant and crop science. John Wiley and Sons Ltd, Chichester, UK.</p> <p>Further recommendations will be given at the beginning of the lecture.</p>

Additional Information
<p>This course has limited capacities: 20 students Enrollment by OLAT within workdays Monday through Friday in the 1st week of the 2. audit period of the preceding semester.</p>