

Module Name	Module Code
Forage Quality and Conservation	AEF-ds006
Module Coordinator	
Prof. Dr. Friedhelm Taube	
Organizer	
Institute of Crop Science and Plant Breeding - Grass and Forage Sciences	
Institute of Animal Nutrition and Physiology - Animal Nutrition	
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			
Knowledge of yield formation and quality dynamics of forage crops and the importance of relevant environmental determinants. Ability to classify the basic methods of forage quality evaluation, in particular under consideration of grassland diversity, and to analyse in view of yield and quality performance as well as ecological effects.			
Module Courses			
Course Type	Course Name	Compulsory/Optional	SWS
Lecture	Forage quality	Compulsory	1
Lecture	Forage conservation	Compulsory	1
Seminar	Forage quality and conservation	Compulsory	1
Field trip	Excursion forage quality	Compulsory	1
Prerequisites for Admission to the Examination(s)			
Regular visits of excursion are compulsory.			

Examination(s)				
Examination Name	Type of Examination	Evaluation	Compulsory / Optional	Weighting
Oral Examination: Forage Quality and Conservation	Oral Examination	Graded	Compulsory	75
Seminar Paper: Forage Quality and Conservation	Seminar Course-work	Graded	Compulsory	25
Further Information on the Examination(s)				
<p>1. + 2. period in summer semester 1. period in winter semester</p> <p>examiner: oral exam = 75% Malisch Seminarpaper = 25% Malisch QIS:300700 with number of Examination 300710+300720</p>				

Course Content
Analysis and evaluation of current methods of forage quality research. Techniques of fodder conservation and their impact on forage quality.
Learning Outcome
The students have knowledge of the interdependencies between the processes of yield formation and quality dynamics of forage crops, of environmental determinants and of management measures. They are able to evaluate the impact of different fodder conservation techniques on forage quality under consideration of the botanical composition.
Reading List
Teaching material such as graphs and tables, as well as copies of presented scientific papers are provided to the students; recommendations concerning textbooks are given at the beginning of the lecture period.
Additional Information
<p>Maximum number of participants: 25 - Up to 20 places will be allocated preferably to students in the Dairy Science master's programm</p> <p>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 degree study program stu-Email</p> <p>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	1.
Master, 1-Subject, Agricultural Sciences, Specialisation Agricultural Economics, (Version 2013)	Optional	1.
Master, 1-Subject, Agricultural Sciences, Specialisation Agribusiness, (Version 2017)	Optional	1.
Master, 1-Subject, Agricultural Sciences, Specialisation Agribusiness, (Version 2013)	Optional	1.
Master, 1-Subject, Agricultural Sciences, Specialisation Crop Sciences, (Version 2017)	Optional	1.
Master, 1-Subject, Agricultural Sciences, Specialisation Crop Sciences, (Version 2013)	Optional	1.
Master, 1-Subject, Agricultural Sciences, Specialisation Animal Sciences, (Version 2017)	Optional	1.
Master, 1-Subject, Agricultural Sciences, Specialisation Animal Sciences, (Version 2013)	Optional	1.
Master, 1-Subject, Agricultural Sciences, Specialisation Environmental Sciences, (Version 2017)	Optional	1.
Master, 1-Subject, Agricultural Sciences, Specialisation Environmental Sciences, (Version 2013)	Optional	1.
Master, 1-Subject, Dairy Science, (Version 2017)	Compulsory	1.
Master, 1-Subject, Nutritional and Food Science, (Version 2013)	Optional	1.
Master, 1-Subject, Nutritional and Consumer Economics, (Version 2017)	Optional	1.
Master, 1-Subject, Nutritional and Consumer Economics, (Version 2013)	Optional	1.