

<b>Module Name</b>	<b>Module Code</b>
Forage Quality and Conservation	AEF-ds006-01a
<b>Module Coordinator</b>	
Prof. Dr. U. Dickhöfer	
<b>Organizer</b>	
Institute of Crop Science and Plant Breeding - Grass and Forage Sciences	
Institute of Animal Nutrition and Physiology - Animal Nutrition	
<b>Faculty</b>	
Faculty of Agricultural and Nutritional Sciences	
<b>Examination Office</b>	
Faculty of Agricultural and Nutritional Sciences - Examination Office	

<b>ECTS Credits</b>	6
<b>Evaluation</b>	Graded
<b>Duration</b>	one semester
<b>Frequency</b>	Only takes place during summer semesters
<b>Workload per ECTS Credit</b>	30 hours
<b>Total Workload</b>	180 hours
<b>Contact Time</b>	60 hours
<b>Independent Study</b>	120 hours
<b>Teaching Language</b>	English

<b>Recommended Requirements</b>			
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.			
<b>Module Courses</b>			
<b>Course Type</b>	<b>Course Name</b>	<b>Compulsory/Optional</b>	<b>SWS</b>
Lecture	Forage quality	Compulsory	1
Lecture	Forage conservation	Compulsory	1
Seminar	Forage quality and conservation	Compulsory	1
Field trip	Excursion forage quality	Compulsory	1
<b>Prerequisites for Admission to the Examination(s)</b>			
Regular visits of excursion are compulsory.			

<b>Examination(s)</b>				
<b>Examination Name</b>	<b>Type of Examination</b>	<b>Evaluation</b>	<b>Compulsory / Optional</b>	<b>Weighting</b>
Oral Examination: Forage Quality and Conservation	Oral Examination	Graded	Compulsory	100
<b>Further Information on the Examination(s)</b>				
<p>1. + 2. period in summer semester 1. period in winter semester</p> <p>Konto: 300701 PNR 300730</p>				

<b>Course Content</b>
Analysis and evaluation of current methods of forage quality research. Techniques of fodder conservation and their impact on forage quality.
<b>Learning Outcome</b>
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.
<b>Reading List</b>
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.
<b>Additional Information</b>
<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</p>

<b>Use</b>	<b>Compulsory / Optional</b>	<b>Semester</b>
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.