

<b>Module Name</b>	<b>Module Code</b>
Animal Behaviour and Welfare	dsAEF008-01a
<b>Module Coordinator</b>	
Prof. Dr. Eberhard Hartung	
<b>Organizer</b>	
Institute of Agricultural Engineering - Agricultural Engineering	
<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>Module Courses</b>			
<b>Course Type</b>	<b>Course Name</b>	<b>Compul- sory/Optional</b>	<b>SWS</b>
Lecture	Animal Behaviour and Welfare	Compulsory	2
Seminar	Animal Behaviour and Welfare	Compulsory	1
Field Exercise	Animal Behaviour and Welfare	Compulsory	1
<b>Prerequisites for Admission to the Examination(s)</b>			
Prerequisite for admission to the oral examination is a passed and graded seminar presentation. The grade is included in the examination grade at a rate of 25% to improve the grade. Active participation in group work and regular visits of field exercises 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: Animal Behaviour and Welfare	Oral Examination	Graded	Compulsory	100
<b>Further Information on the Examination(s)</b>				
1.+2. period in summer semester 1. period in winter semester				
QIS: 300900 with examination 300910				

<b>Course Content</b>
All aspects of animal behaviour, how animals cope with welfare challenges and adapt to their environment, concepts of animal welfare assessment, human-animal interactions, animal-based assessment of husbandry system, interactions between ethological, physiological, genetic and environmental factors that affect animal welfare, legal regulations. Practical exercises: case farm visit for welfare assessment, presentation of methods and results. Seminar: latest research studies on different topics, prepared and presented by the students.
<b>Learning Outcome</b>
Students acquire a scientific background in animal behaviour. They learn concepts and approaches to assess behaviour and welfare of farm animals, and develop skills how to use animal behaviour for evaluating and improving husbandry systems and production processes.
<b>Reading List</b>
Cattle Behaviour and Welfare, 2002, Phillips, C., John Wiley & Sons. The Ethology of Domestic Animals - 3rd Edition, 2017, Jensen, P. (Ed.) CABI, UK. ISBN 978-1-78639-165-0 Animal welfare - 3rd Edition, 2018, Appleby, M. (Ed.), CABI, UK. ISBN 978-1-78639-020-2   ISBN 1-78639-020-5 Improving animal welfare: a practical approach, 2021, Grandin, T. (Ed). ISBN 978-1-78924-521-9   ISBN 978-1-78924-522-6
<b>Additional Information</b>
Maximum number of participants: 24 - Up to 20 places will be allocated preferably to students in the Dairy Science master's program Enrollment by OLAT within workdays Monday through Friday in the 1st week of the 2. audit period of the preceding semester. The allocation of the places takes place in the 2nd week of the 2. audit period of the preceding semester. Notification will be sent to the stu-email address. 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.