

<b>Module Name</b>		<b>Module Code</b>	
Health Management in Dairy Herds		dsAEF003-02b	
<b>Module Coordinator</b>			
Prof. Dr. Christina Hölzel			
<b>Organizer</b>			
Institute of Animal Breeding and Husbandry - Animal Health and Hygiene			
<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>Compulsory / Optional</b>	<b>SWS</b>
Seminar	Health Management & Epizootic Diseases	Compulsory	3
Field Exercise	Health Management in Dairy Herds	Compulsory	1
<b>Prerequisites for Admission to the Examination(s)</b>			
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>
Seminar presentation: Epizootic diseases & herd health	Seminar presentation	Graded	Compulsory	100
<b>Further Information on the Examination(s)</b>				
<p>1. period in summer semester</p> <p>QIS: 300400 with exam 300410</p> <p>The seminar presentation is composed of 3 parts: 1) a presentation on an epizootic disease or a dairy herd health issue (50 %); 2) active participation in several structured discussions on other student's presentations (50 %), 3) a group work on facts &amp; figures from international dairy husbandry and health. The group work counts 50 % of grade 1 in case that the grade is improved thereby.</p>				
<b>Course Content</b>				
<p>Worldwide situation for notifiable diseases (epizootocs) according to OIE-databases; other relevant infectious and non-infectious diseases of dairy cattle; pathogenesis, diagnosis and prevention of relevant diseases in ruminants with special focus on mastitis &amp; fertility; dairy herd health management. In the field exercise, emphasis is put on herd health management, routine monitoring procedures &amp; fertility.</p>				
<b>Learning Outcome</b>				
<p>Students achieve in-depth knowledge on etiology, diagnosis, spread and prevention of selected infectious diseases in ruminants and on general animal health management. They acquire skills for analyzing health &amp; fertility management on dairy farms and learn how to find (and critically assess) solutions for improved on-farm health management procedures. They are able to identify important diseases and epizootics worldwide. Students are able to do comparative health-related analyses on an international level, and to judge and discuss facts on dairy health presented by others.</p>				
<b>Reading List</b>				
<p>Lecture slides.</p> <p>The following books might be read at the institute of animal breeding and husbandry. We do not recommend buying them due to cost issues.</p> <p>Brand, A., Noordhuizen, J.P.T.M., Schukken, Y. (1996) Herd Health and Production Management in Dairy Practice. Wageningen Academic Publishers. ISBN 9789074134347.</p> <p>Green, M.J., Bradley, A.J. (2012): Dairy Herd Health. CABI, ISBN 9781845939984.</p> <p>Noordhuizen J. (2012): Dairy Herd Health and Management: A Guide for Veterinarians and Dairy Professionals. Context Products, ISBN: 978-1899043361</p>				

**Additional Information**

Maximum number of participants: 30 - 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 following information has to be provided for enrollment:

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.

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.