

<b>Module Name</b>	<b>Module Code</b>
Scientific Methods and Standards*Oral Defence of Master's Thesis	AEF-ds011
<b>Module Coordinator</b>	
Prof. Dr. E. Hartung	
<b>Organizer</b>	
Institute of Agricultural Engineering	
<b>Faculty</b>	
Faculty of Agricultural and Nutritional Sciences	
<b>Examination Office</b>	
Prüfungsamt Agrar- und Ernährungswissenschaftliche Fakultät	

<b>ECTS Credits</b>	3
<b>Evaluation</b>	Graded
<b>Duration</b>	
<b>Frequency</b>	Takes place every semester
<b>Workload per ECTS Credit</b>	30 hours
<b>Total Workload</b>	90 hours
<b>Contact Time</b>	30 hours
<b>Independent Study</b>	60 hours
<b>Teaching Language</b>	English

<b>Recommended Requirements</b>			
Advanced understanding of dairy production, product quality, and economics.			
<b>Module Courses</b>			
<b>Course Type</b>	<b>Course Name</b>	<b>Compulsory / Optional</b>	<b>SWS</b>
Seminar	Seminar: Dairy Science	Compulsory	2
<b>Prerequisites for Admission to the Examination(s)</b>			

<b>Examination(s)</b>			
<b>Examination Name</b>	<b>Type of Examination</b>	<b>Evaluation</b>	<b>Compulsory/ Optional Weighting</b>
Oral Defence of Master's Thesis	Presentation	Graded	Compulsory 100
<b>Further Information on the Examination(s)</b>			
Semester in which the Master's Thesis has been finished examiner: 1 <sup>st</sup> supervisor Master's Thesis QIS: 301100 with examination 301110			

<b>Course Content</b>
Individual research work and international research on different topics in dairy science. Principles of scientific writing and presentation.
<b>Learning Outcome</b>
The students can frame a scientific hypothesis, present and discuss their data, and defend their conclusions. They learn how to structure a scientific presentation, and how to use and combine suitable presentation techniques.
<b>Reading List</b>
Krathwohl, D.R., Smith, N. L. (2004): How to Prepare a Dissertation Proposal. Syracuse University Press, New York, ISBN 0-8156-8141-0. Katz, M.J. (2009): From Research to Manuscript - A Guide to Scientific Writing. Springer Netherlands, ISBN 978-1-4020-9467-5. Gastel, B., Day, R.A. (2016): How to Write & Publish a Scientific Paper. Greenwood Pub Group Inc. ISBN: 978-1440842801

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Use	Compulsory / Optional	Semester
Master, 1-subject, Dairy Science (Version 2017)	Compulsory	-