

<b>Module Name</b>		<b>Module Code</b>	
Management and Innovation in Food Supply Chain		agrarAEF200-02a	
<b>Module Coordinator</b>			
Prof. Dr. Uwe Latacz-Lohmann			
<b>Organizer</b>			
Institute of Agricultural Economics - Dairy and Food Industry Economics			
<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>
Lecture	Management and Innovation in Food Supply Chain	Compulsory	2
Seminar	Management and Innovation in Food Supply Chain	Compulsory	2
Seminar	Management and Innovation in Food Supply Chain – Supplementary office hours	optional	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</b>	<b>Weighting</b>
Written Examination: Management and Innovation in Food Supply Chain	Written Examination	Graded	Compulsory	100

<b>Further Information on the Examination(s)</b>
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<p>1.+2. period in summer semester 1. period in winter semester examiner: Dr.in Julia Anette Schreiner, M.Sc. Svetlana Kresova          QIS: 43702 with number of Examination 43740</p>
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<b>Course Content</b>
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<p>Lecture: Economic, sociological and organizational factors of organization, management, technology adoption and innovations in food supply chains. Stages of the innovation processes; implications of ownership rights; network effects. Technology diffusion in agribusiness. Economic theories of research and development. Economic theories of technological change and entrepreneurship. Localization and transport problems; outsourcing. Governance of food quality standards in food supply chains.          Seminar: Individual and group-based projects related to case studies of food supply chains and reading of related scientific literature.</p>
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<b>Learning Outcome</b>
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<p>Students are familiar with the economic concept of a supply chain and are able to name and explain economic, sociological and organizational problems and management challenges that frequently occur in supply chains. Students can describe and analyze innovations and innovation processes within supply chains in the Agribusiness from an applied economic perspective.</p>
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<b>Reading List</b>
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<p>Further relevant readings will be distributed during lectures.WTO (2013). Global value chains in a changing world. WTO publications. Geneva.Chopra, S., Meindl, P. (2015). Supply chain management. Strategy, planning &amp; operation, 6th edition. Pear-son. ISBN-13: 9781292093567 Arthur, W.B. (2009). The Nature of Technology. New York, NY: Free Press.Sunding, D., Zilberman, D. (2001): The agricultural innovation process: research and technology adoptionina changing agricultural sector. In: Gardner, B., Rausser, G. (eds.) Handbook of Agricultural Economics,Vol.1, pp. 207-261.Jongen, W. M. F., Meulenber, M. T. G. (2005). Innovation in agri-food systems. Wageningen AcademicPublishers</p>
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<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 2021)	Optional	1.
Master, 1-Subject, Agricultural Sciences, Specialisation Agribusiness, (Version 2017)	Optional	1.
Master, 1-Subject, Agricultural Sciences, Specialisation Agribusiness, (Version 2021)	Optional	1.
Master, 1-Subject, Agricultural Sciences, Specialisation Crop Sciences, (Version 2017)	Optional	1.
Master, 1-Subject, Agricultural Sciences, Specialisation Crop Sciences, (Version 2021)	Optional	1.
Master, 1-Subject, Agricultural Sciences, Specialisation Animal Sciences, (Version 2017)	Optional	1.
Master, 1-Subject, Agricultural Sciences, Specialisation Animal Sciences, (Version 2021)	Optional	1.
Master, 1-Subject, Agricultural Sciences, Specialisation Environmental Sciences, (Version 2017)	Optional	1.
Master, 1-Subject, Agricultural Sciences, Specialisation Environmental Sciences, (Version 2021)	Optional	1.
Master, 1-Subject, Dairy Science, (Version 2017)	Compulsory	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 Food Science, (Version 2021)	Optional	1.
Master, 1-Subject, Nutritional and Consumer Economics, (Version 2017)	Optional	1.
Master, 1-Subject, Nutritional and Consumer Economics, (Version 2021)	Optional	1.