

Module Name	Module Code
Management and Innovation in Food Supply Chain	agrarAEF200-01a
Module Coordinator	
Prof. Dr. Uwe Latacz-Lohmann	
Organizer	
Institute of Agricultural Economics - Dairy and Food Industry Economics	
Faculty	
Faculty of Agricultural and Nutritional Sciences	
Examination Office	
Faculty of Agricultural and Nutritional Sciences - Examination Office	

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

Module Courses			
Course Type	Course Name	Compul- sory/Optional	SWS
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*	Additional sub- ject	2
Prerequisites for Admission to the Examination(s)			
Precondition for participation in the written exam is a passed seminar presentation (grade: pass/fail).			

Examination(s)				
Examination Name	Type of Examination	Evaluation	Compulsory / Optional	Weighting
Written Examination: Management and Innovation in Food Supply Chain	Written Examination	Graded	Compulsory	50
Seminar Paper with Assignment: Management and Innovation in Food Supply Chain	Seminar Course-work	Graded	Compulsory	50
Further Information on the Examination(s)				
1.+2. period in summer semester 1. period in winter semester examiner: Dr. Julia Schreiner, Svetlana Kresova QIS: 43701 with number of Examination K=50% + Sb=50%				

Course Content
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.
Learning Outcome
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.
Reading List
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 & operation, 6th edition. Pearson. 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 adoption in a changing agricultural sector. In: Gardner, B., Rausser, G. (eds.) Handbook of Agricultural Economics, Vol.1, pp. 207-261. Jongen, W. M. F., Meulenbergh, M. T. G. (2005). Innovation in agri-food systems. Wageningen Academic Publishers

Use	Compulsory / Optional	Semester
Master, 1-Subject, Agricultural Sciences, Specialisation Agricultural Economics, (Version 2017)	Optional	-
Master, 1-Subject, Agricultural Sciences, Specialisation Agricultural Economics, (Version 2013)	Optional	-
Master, 1-Subject, Agricultural Sciences, Specialisation Agribusiness, (Version 2017)	Optional	-
Master, 1-Subject, Agricultural Sciences, Specialisation Agribusiness, (Version 2013)	Optional	-
Master, 1-Subject, Agricultural Sciences, Specialisation Crop Sciences, (Version 2017)	Optional	-
Master, 1-Subject, Agricultural Sciences, Specialisation Crop Sciences, (Version 2013)	Optional	-
Master, 1-Subject, Agricultural Sciences, Specialisation Animal Sciences, (Version 2017)	Optional	-
Master, 1-Subject, Agricultural Sciences, Specialisation Animal Sciences, (Version 2013)	Optional	-
Master, 1-Subject, Agricultural Sciences, Specialisation Environmental Sciences, (Version 2017)	Optional	-
Master, 1-Subject, Agricultural Sciences, Specialisation Environmental Sciences, (Version 2013)	Optional	-
Master, 1-Subject, Dairy Science, (Version 2017)	Optional	-
Master, 1-Subject, Nutritional and Food Science, (Version 2013)	Optional	-
Master, 1-Subject, Nutritional and Consumer Economics, (Version 2017)	Optional	-
Master, 1-Subject, Nutritional and Consumer Economics, (Version 2013)	Optional	-