

<b>Module Name</b>	<b>Module Code</b>
Economic Production and Trade Analysis	AEF-agr069
<b>Module Coordinator</b>	
<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>Recommended Requirements</b>			
Quantitative Methods, Microeconomics, Econometrics			
<b>Module Courses</b>			
<b>Course Type</b>	<b>Course Name</b>	<b>Compulsory/Optional</b>	<b>SWS</b>
Lecture	Econometric Production and Trade Analysis	Compulsory	2
Seminar	Econometric Production and Trade Analysis	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</b>	<b>Weighting</b>
Written Examination: Economic Production and Trade Analysis	Written Examination	Graded	Compulsory	50
Seminar Paper with Assignment: Economic Production and Efficiency Analysis	Seminar Course-work	Graded	Compulsory	50
<b>Further Information on the Examination(s)</b>				
1.+2. period in summersemester 1. period in wintersemester  examiner: Prof. Dr. Heß QIS: 65402 with number of Examination 65450+65460				

<b>Course Content</b>
Production theory and technologies (primal and dual, i.e. production functions, cost and profit functions, distance functions) - formal and mathematical description/notation of production problems productivity, efficiency concepts and frontiers introduction to empirical trade analysis based on contemporary equilibrium models gravity regressions with international trade data data, measurement, screening and evaluation relevant statistical concepts and software (e.g. R.Stata, Limdep, gretl.)
<b>Learning Outcome</b>
To enable students to conduct empirical analyses in the area of production and trade. Theoretical concepts and empirical methods will be applied by using real data in the agricultural and food sector as well as state-of-the-art statistical software. Students will be able to empirically investigate questions related to agricultural production and trade in the Agri-food Sector. The knowledge of such methodical skills is of essential importance for successfully working at national and international organisations and companies. In addition, the course aims to help students to prepare for potential methodological aspects of their MSc. Thesis.
<b>Reading List</b>
Relevant articles will be distributed during lectures.

<b>Use</b>	<b>Compulsory / Optional</b>	<b>Semester</b>
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, Special. Agricultural Economics and Agribusiness # Specific Field of Study: Agricultural Economics, (Version 2008)	Optional	-
Master, 1-Subject, Agricultural Sciences, Special. Agricultural Economics and Agribusiness # Specific Field of Study: Agribusiness, (Version 2008)	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 Crop Sciences, (Version 2008)	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 Animal Sciences, (Version 2008)	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, Agricultural Sciences, Specialisation Environmental Sciences, (Version 2008)	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	-
Master, 1-Subject, Nutritional Sciences and Household Economics, Specialisation Nutritional and Consumer Economics, (Version 2008)	Optional	-
Master, 1-Subject, Nutritional Sciences and Household Economics, Specialisation Nutritional Sciences, (Version 2008)	Optional	-

