

Module Name	Module Code
Economic Production and Trade Analysis	AEF-agr069
Module Coordinator	
Prof. Dr. Dr. Christian Henning	
Organizer	
Institute of Agricultural Economics - Dairy and Food Industry Economics	
Institute of Agricultural Economics - Agricultural Policy	
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	English

Recommended Requirements			
Quantitative Methods, Microeconomics, Econometrics			
Module Courses			
Course Type	Course Name	Compulsory/Optional	SWS
Lecture	Econometric Production and Trade Analysis	Compulsory	2
Seminar	Econometric Production and Trade Analysis	Compulsory	2
Prerequisites for Admission to the Examination(s)			

Examination(s)				
Examination Name	Type of Examination	Evaluation	Compulsory / Optional	Weighting
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
Further Information on the Examination(s)				
1.+2. period in summersemester 1. period in wintersemester examiner: N.N. QIS: 65402 with number of Examination 65450+65460				

Course Content
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.)
Learning Outcome
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.
Reading List
Relevant articles will be distributed during lectures.

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, 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	-

