Module Name			Module Code		
Quantitative Methods	of Farm Planning	and Performance Analysis	agrarAEF059-01a		
Module Coordinator					
Prof. Dr. Uwe Latacz-	Lohmann				
Organizer					
Institut für Agrarökono	omie - Landwirtsch	aftliche Betriebslehre und Pi	roduktionsökonomie		
Faculty					
Faculty of Agricultural	and Nutritional Sc	iences			
Examination Office					
Prüfungsamt Agrar- u	nd Ernährungswiss	senschaftliche Fakultät			
ECTS Credits		6			
Evaluation		Graded			
Duration		one semester			
Frequency		Only takes place during winter semesters			
Workload per ECTS Credit		30 hours			
Total Workload		180 hours			
Contact Time		60 hours			
Independent Study		120 hours			
Teaching Language		English			
Recommended Requ	uirements	•			
-		ethodological foundations on ning problems in livestock a	f farm management and pr nd plant husbandry	roduction	
Module Courses					
Course Type	Course Name		Compulsory/Optional	SWS	
Lecture	Quantitative Met	hods of Farm Planning	Compulsory	3	
Practical Exercise	Quantitative Met	hods of Farm Planning	Compulsory	1	

Examination(s)							
Examination Name	Type of Examination	Evaluation	Compulsory / Optional	Weighting			
Oral Exam: Quantitative Methods of Farm Planning	Oral Examination	Graded	Compulsory	100			
Further Information on the Examination(s	3)	I		•			
 1.+2. period in winter semester period in summer semester examiner: Prof. Dr. Latacz-Lohman QIS: 43102 with number of Examination 43 	120						
Course Content							
Linear Programming: theoretical foundations programming; introduction to efficiency ana Envelopment Analysis and its applications ir	lysis using frontier a	pproaches, wit					
Learning Outcome							
The students know advanced methods of o critically assess their advantages and disproblems. By reviewing a series of journal a agricultural economics research and have a research.	advantages, and ar rticles, the students	e able to app appreciate the	ly the methods wide range of a	to selected			
Reading List							

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