Module Name	Module Code
Model-based Policy Analyses of Agricultural, Energy and Climate Policies	agrarAEF206-01a
Module Coordinator	
Prof. Dr. Dr. Christian Henning	
Organizer	
Institute of Agricultural Economics	
Faculty	
Faculty of Agricultural and Nutritional Sciences	
Examination Office	
Faculty of Agricultural and Nutritional Sciences - Examination Office	

ECTS Credits	6
Evaluation	Graded
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 Requirements		
WIPO, Micro Economics		
Module Courses		

Course Type	**Course Name**	**Compulsory/Optional**	**SWS**
lecture	Modeling agricultural, environmental and climate policy in a CGE-framework	Compulsory	2
lecture	Modeling policy processes of agricultural, energy and climate policies	Compulsory	2

Examination(s)

Examination Name	Type of Examination	Evaluation	Compulsory / Optional	Weighting
oral exam: Model-based Policy Analyses of Agricultural, Energy and Climate Policies	oral	graded	compulsory	100

Further Information on the Examination(s)

1. +2. Period in winter semester
1. Period in summer semester
Examiner Dr. Ruth Delzeit, Prof. Dr. Christian Henning, Dr. Franziska Schünemann QIS: xxxxxxxxx mit PNR xxxxxxxxxxxxx

Course Content

Students learn political economy theory on interrelations of different agricultural, environmental and climate policy instruments (e.g. the food-energy-water nexus). Students learn how to model these policy impacts on global land use within an applied general equilibrium model approach. Students learn how to model political decision making processes at international, supranational and national level.

Learning Outcome

Students understand linkages between policies affecting climate mitigation, energy markets, and land use. They are able to discuss trade-offs and synergies between different policies, and understand the interconnections between food, energy and water systems. They further understand central players and political economy logics of decision-making processes. They acquire knowledge in modelling climate, energy and agricultural policies and policy processes.

Additional outcomes:

Students will learn how to assess and interpret scientific evidence.

Reading List

A classical introduction into CGE modelling is: J.B. Shoven, J. Whalley (1984): Applied general equilibrium models of taxation and international trade, *Journal of Economic Literature*, 22, 1007-51.
François Bourguignon et al. (2008): The Impact of Economic Policies on Poverty and Income Distribution: Evaluation Techniques and Tools. Handbook of CGE Modeling.

Henning, Badiane, Krampe: *Development Policies and Policy Processes in Africa: Modeling and Evaluation*. An Open Access Publication by Springer Nature. Downloadable at SpringerLink.

Further, teaching material will be provided during the course under http://www.agrarpol.uni-kiel.de/de

Additional Information

Maximum number of participants: 30

Enrollment by OLAT within workdays Monday through Friday in the 1nd week of the 2. audit period of the preceding semester. Following information is necessary:

matriculation number

last name first name

striven degree study

program stu-Email

The allocation of the places takes place in the 2nd week of the 2. audit period of the preceding semester. Acceptance of the place by students only through participation at the first day of the course. Students without a place can get a place at the first day of the course by move-up procedure.

Master, 1-subject, Agricultural Sciences, Agricultural Economics, (Version 2017)	Optional	-
Master, 1-subject, Agricultural Sciences, Agricultural Economics, (Version 2013)	Optional	-
Master, 1-subject, Agricultural Sciences, Agribusiness, (Version 2017)	Optional	-
Master, 1-subject, Agricultural Sciences, Agribusiness, (Version 2013)	Optional	-
Master, 1-subject, Agricultural Sciences, Crop Sciences, (Version 2017)	Optional	-
Master, 1-subject, Agricultural Sciences, Crop Sciences, (Version 2013)	Optional	-
Master, 1-subject, Agricultural Sciences, Animal Sciences, (Version 2017)	Optional	-
Master, 1-subject, Agricultural Sciences, Animal Sciences, (Version 2013)	Optional	-
Master, 1-subject, Agricultural Sciences, Environmental Sciences, (Version 2017)	Optional	-
Master, 1-subject, Agricultural Sciences, 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	-