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| Module Name | Module Code |
| Model-based Policy Analyses of Agricultural, Energy and Climate Policies | agrarAEF863-01a |
| Module Coordinator | |
| Prof. Dr. Dr. Christian Henning | |
| Organizer | |
| Institute of Agricultural Economics - Agricultural Policy | |
| Faculty | |
| Faculty of Agricultural and Nutritional Sciences | |
| Examination Office | |
| Faculty of Agricultural and Nutritional Sciences - Examination Office | |

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| ECTS Credits | 6 |
| Evaluation | Graded |
| Duration | ein 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 |

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| 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 Examination: Model-based Policy Analyses of Agricultural, Energy and Climate Policies | Oral Examination | Graded | Compulsory | 100 |
| Further Information on the Examination(s) | | | | |
| 1. +2. Period in winter semester 1. Period in summer semester Examiner Prof. Dr. Christian Henning QIS: 68900 mit PNR 68910 | | | | |

| Course Content |
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| Students can analyze economic impacts and interrelations of different agricultural, environmental and climate policy instruments (e.g. the food-energy-water nexus). Students know how to model these policy impacts on global land use within an applied general equilibrium model approach. Students understand and can 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. 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, <i>Journal of Economic Literature</i> , 22, 1007-51. François Bourguignon et al. (2008): The Impact of Economic Policies on Poverty and Income Distribution: Evaluation Techniques and Tools. <i>Handbook of CGE Modeling</i> . 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 1st 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. |

| Use | Compulsory / Optional | Semester |
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| 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, Environmental Management, Double-Degree-Agreement with Adam-Mickiewicz-University, Polen (UAM), (Version 2020) | Optional | - |
| Master, 1-Subject, Environmental Management, Double-Degree-Agreement with Irkutsk State University, Russland (ISU), (Version 2020) | Optional | - |
| Master, 1-Subject, Environmental Management, (Version 2020) | 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 | - |