| Module Name   | Module Code                           |
|---|---------------------------------------|
| Political Economy of Natural Resource Management  | agrarAEF882-01a                       |
| Module Coordinator  | t                                     |
| Prof. Dr. Marie-Catherine Riekhof   |                                       |
| Organizer   |                                       |
| Institut für Agrarökonomie - Politische Ökonomie des Ressourcer res- und Küstenressourcen | nmanagements mit Schwerpunkt auf Mee- |
| Faculty   |                                       |
| Faculty of Agricultural and Nutritional Sciences  |                                       |
| Examination Office  |                                       |
| Faculty of Agricultural and Nutritional Sciences - Examination Off                        | ice                                   |

| 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 Requirements**

Introduction into Economics, Environmental Economics, Introduction to Public Choice of Agricultural and Food Policy

| Module Courses |   |                          |     |  |
|----------------|---|--------------------------|-----|--|
| Course Type    |   | Compul-<br>sory/Optional | SWS |  |
| Seminar        | Political Economy of Natural Resource Management              | Compulsory               | 4   |  |
| Seminar        | Topics in Political Economy of Natural Resource<br>Management | Additional sub-<br>ject  | 2   |  |

| Examination(s)  |                         |            |                          |           |  |
|---|-------------------------|------------|--------------------------|-----------|--|
| Examination Name  | Type of<br>Examination  | Evaluation | Compulsory<br>/ Optional | Weighting |  |
| Seminar Paper with Assignment: Political<br>Economy of Natural Resource Manage-<br>ment | Seminar Course-<br>work | Graded     | Compulsory               | 100       |  |
| Further Information on the Examination(s)   |                         |            |                          |           |  |

1. + 2. period in winter semester

1. period in summer semester

examiner: Prof. Dr. Marie-Catherine Riekhof QIS:148100 with number of Examination 148110

Students can suggest a topic for their presentation and seminar paper related to the general content of the seminar and the overall semester topic, or they can pick from a list of topics provided at an initial meeting. A handout that includes information on how to write an excellent seminar paper and on aspects to consider when making a presentation will be made available at the beginning of the seminar.

### Course Content

Many natural resources are considered overused. Especially slowing down climate change is high on the political agenda. Nevertheless, progress seems to be slow.

In the mandatory part of the seminar, basic political-economic approaches will be presented and applied to natural resource management.

This includes public goods and free-riding, introductory game theory, internalization of externalities and the Coase Theorem, median voter, probabilistic voting, Arrow's impossibility theorem.

We will also discuss a selection of concrete examples, e.g. the so-called "resource curse", presented by the students, also in the mandatory part. Additional insights can be gained in the optional part, in which additional examples related to current research will be presented.

### Learning Outcome

Students will

1) be able to apply basic polit-economic tolls

2) have a better understanding of the political economy related to natural resource management

- 3) gain insights on different ways of governing natural resources
- 4) improve (practice and further develop) presentation and writing skills

5) gain insights into current scientific debates

## Reading List

For a first introduction into the topic see:

Persson/Tabellin (2000): Political Economics – Explaining economic policy.

Ward (2006): Environmental and Resource Economics.

Phaneuf and Requate (2017): A course in Environmental Economics.

Acemoglu (2009): Introduction to Modern Economic Growth (Part VIII: The Political Economy of Growth) A list with further recommended reading will be distributed at the beginning of the course.

#### **Additional Information**

The number of participants is limited to 20. 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.

Students who successfully participated in "Environmental Economics" will be preferred.

| Use  | Compulsory<br>/ Optional | Semester |
|--|--------------------------|----------|
| Master, 1-Subject, Agricultural Sciences, Specialisation Agricul-<br>tural Economics, (Version 2017) | Optional                 | -        |
| Master, 1-Subject, Agricultural Sciences, Specialisation Agribusiness, (Version 2017)                | Optional                 | -        |
| Master, 1-Subject, Agricultural Sciences, Specialisation Crop<br>Sciences, (Version 2017)            | Optional                 | -        |
| Master, 1-Subject, Agricultural Sciences, Specialisation Animal Sciences, (Version 2017)             | Optional                 | -        |
| Master, 1-Subject, Agricultural Sciences, Specialisation Environ-<br>mental Sciences, (Version 2017) | 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, International Master in Applied Ecology, (Version 2020)                           | Optional                 | -        |