<table>
<thead>
<tr>
<th>MA UP P 3</th>
<th>LP (according to ECTS):</th>
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<tbody>
<tr>
<td>Economic Analysis of Environmental Policies</td>
<td>6 (of 9)</td>
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Course Instructor: Prof. Dr. Volkmar Hartje
Secr.: EB 4-2
Email: hartje@imup.tu-berlin.de

### Module Description

#### 1. Qualification Objectives
The goal of this course is to enable students:
- to independently apply approaches of institutional economics to current environmental problems and to develop new strategic economic approaches,
- to identify the institutional framework of landscape planning and environmental policy in relation to other sectoral policies and to recognize their importance on an international scale,
- to understand and classify scientific methods of analysis in terms of their theoretical foundations and working procedures,
- to identify existing gaps in current research and to formulate new approaches for further development.

Students should also be able to consider the above institutional frameworks in relation to gender aspects.

This course offers predominantly:
Professional expertise 40% Methodological expertise 40% Systems thinking 10% Social competence 10%.

#### 2. Module Content
This course addresses the fundamentals of institutional economic analysis of public policy as well as its application to environmental conservation policy and water policy.

The course focuses on the presentation and evaluation of a range of different approaches, their areas of application and methodological issues. Subjects to be discussed include: the Property Rights Theory, transaction costs and Principal-Agent models, common property regimes, the New Political Economy, the economic theory of bureaucracy, the policy field analysis and the multi-level analysis. An in-depth exploration of such policies shall be addressed in the context of examples of environmental conservation and water policy in Germany and beyond.

**Integration of environmental objectives into sectoral policies**
Building on the foundations of the course on institutional economics described above, the application of intersectoral coordination should consequently be examined in greater detail. The course will take a closer look at connections between environmental protection and conservation policies and individual sectoral policies and their institutional bases, such as agricultural and forest policies, water policies and regional policies. All levels of federal administration, the European Union and existing coordination mechanisms shall be addressed.

**On the basis of economic and political approaches, a comparative analysis shall be made of the environmental policies of individual countries.**
This course covers the general historical and political trends of several different countries with regard to their economic developments and environmental problems. The constellations of decision makers will be examined with regard to roles in policy formulation, the development of environmental protection organizations and the instruments and implementation procedures of national policies. The selection of exemplary countries to be discussed includes advanced OECD countries, transition countries as well as several developing nations.

Students must complete 2 out of the 3 offered module components.
3. Module Components

<table>
<thead>
<tr>
<th>Course Title</th>
<th>LV-Type</th>
<th>Credit Hours</th>
<th>Credit Points</th>
<th>Mandatory(P)/Elective(W)</th>
<th>Mandatory-Mandatory-Elective(WP)</th>
<th>WiSe/SoSe</th>
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<tbody>
<tr>
<td>Institutional Economics</td>
<td>IV</td>
<td>2</td>
<td>3</td>
<td>P</td>
<td></td>
<td>WiSe</td>
</tr>
<tr>
<td>Integration of Sector Policy</td>
<td>IV</td>
<td>2</td>
<td>3</td>
<td>P</td>
<td></td>
<td>WiSe</td>
</tr>
<tr>
<td>Comparative International Environmental Policy</td>
<td>IV</td>
<td>2</td>
<td>3</td>
<td>P</td>
<td></td>
<td>WiSe</td>
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4. Teaching Methods and Modes of Instruction

Lectures, guest lectures, short student presentations and self-guided exercises based on texts and practical examples.

All lectures are held in English.

5. Prerequisites for Module Participation

a) mandatory: Diploma (Dipl.) or Bachelor’s Degree from appropriate fields of study
b) desired: good knowledge of English (especially for lectures and lecture notes) and a fundamental understanding of microeconomics and environmental economics

6. Applicability

This is a mandatory course in the Master’s Degree Program for Environmental Planning

7. Workload and Overview of Credits

The workload for 6 LP Credit Points is equivalent to a total of 180 hours (ca. 1 LP for 30 h working time), which includes:

- Contact time: $\sum 60$ h
  - IV: 1 x 2 SWS x 15 Weeks = 30 h
  - IV: 1 x 2 SWS x 15 Weeks = 30 h

- Self-guided study (including preparation time for final exam): $\sum 120$ h
  - IV: 1 x 60 h
  - IV: 1 x 60 h

8. Examination and Grading Format

Testing Equivalent for Credit Points

9. Module Duration

The module can be completed in one semester.

10. Estimated Number of Module Participants

30

11. Registration Formalities

a) Registration for module: There will be a sign-up roster at the beginning of the course.
b) Registration protocol for final examination: see examination regulations for Master’s Degree program.

12. Lecture Notes and Required Literature

Lecture notes will be made available in paper form: overhead slides and Powerpoint notes will be compiled for each session.

Literature:

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<th><strong>Additional Information</strong></th>
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- Behrends, S. Neue Politische Ökonomie, WiSo Kurzlehrbücher Verlag Vahlen, München 2001
- Schubert, K., Bandelow, N.C. (Hg.) Lehrbuch der Politikfeldanalyse, R. Oldenbourg Verlag, München Wien 2003
- Köpf, E.U. Forstpolitik. Ulmer Verlag, Stuttgart 2002
- Dryzek, J. et al. Green States and Social Movements, Oxford University Press 2003
- Additional literature will be compiled into a course reader and made available.