Iök210 - Practice of Nature Conservation

Module label: Practice of Nature Conservation
Module code: Iök210
Credit points: 6.0 KP
Workload: 180 h

Used in course of study:
- Master's Programme Landscape Ecology > Vertiefungsmodule zweites Fachsemester
- Master's Programme Sustainability Economics and Management > Additional Modules
- Master's Programme Water and Coastal Management > Science

Contact person:
Module responsibility:
- Rainer Buchwald
- Ingo Mose

Authorized examiners:
- Rainer Buchwald
- Ingo Mose
- Hans-Joachim Janßen
- Thomas Fartmann

Entry requirements:
Completed ecology-oriented Bachelor course

Skills to be acquired in this module:
With the successful completion of the module the students will gain a general and advanced knowledge of crucial approaches and instruments of nature conservation in Germany and Europe, especially of the implementation of large protected areas (NSG, biosphere reserve, national park etc.), of maintenance-management projects and measures as well as of approaches to their integration into nature conservation and regional development strategies (via agriculture, tourism etc.) in co-operation with national park administrative authorities and other relevant actors. Additionally, the module gives basic skills in developing ecological connectivity systems (example dragonflies) as well as in developing and implementing approaches to ecological planning inside and outside the nature reserves.

Ranking/position of the module within the course of studies:
The module focuses on problems, methods, results, and analyses relevant to nature conservation and refers to corresponding issues of modules in Bachelor courses as well as of basic modules in Master courses of Landscape Ecology.

Module contents:
- a) Seminar “Protected areas and regional development”: Survey of the most important types of large protected areas in Europe as well as current concepts of integrating the purposes of conservation with the tasks of regional development especially in peripheral rural areas
- b) Seminar “Practice of ecological planning”: Presentation of relevant instruments used in spatial and regional planning aiming at the particular demands of ecological planning; closer inspection based on appropriate practical examples
- c) Field course “Habitat connectivity”: Theory of ecological connectivity including causes and impacts of fragmentation and isolation in nature-near biotopes; investigation of migration and dispersal behaviour in selected dragonfly species of ditch systems
- d) Excursion "Protected areas": Presentation of a selected large protected area in Germany or Europe especially considering geographical, floristic, faunistic, historical, agricultural, and nature conservation aspects as well as aspects of landscape and economics

Reader’s advisory:

Links:
Languages of instruction: German, English
Duration (semesters): 1 Semester
Module frequency: jährlich
Module capacity: unlimited
Modullevel: MM (Mastermodul)
Modulart: Wahlpflicht

Lern-/Lehrform / Type of program:

Vorkenntnisse / Previous knowledge:

Examination:
- Time of examination: Before the end of the module
- Type of examination: 6 CP = Paper (in the course of a seminar) or excursion report or assignment
- Course type: Comment
- SWS
- Frequency
- Workload attendance
<table>
<thead>
<tr>
<th>Activity</th>
<th>Hours</th>
<th>Total Hours</th>
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</thead>
<tbody>
<tr>
<td>Lecture</td>
<td>1.00</td>
<td>14 h</td>
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<tr>
<td>Exercises</td>
<td>1.00</td>
<td>14 h</td>
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<tr>
<td>Seminar</td>
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<td>28 h</td>
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<td>Study trip</td>
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**Total time of attendance for the module**

98 h