wcm190 - Selected Topics in Environmental Sciences

<table>
<thead>
<tr>
<th>Module label</th>
<th>Selected Topics in Environmental Sciences</th>
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<tr>
<td>Module code</td>
<td>wcm190</td>
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<tr>
<td>Credit points</td>
<td>6.0 KP</td>
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<tr>
<td>Workload</td>
<td>180 h</td>
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<tr>
<td>Used in course of study</td>
<td>• Master's Programme Water and Coastal Management &gt; Science</td>
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<td>Contact person</td>
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Module responsibility
- Bernd Siebenhüner
- Thomas Klenke

Authorized examiners
- Holger Freund
- Thomas Klenke
- Joachim Peinke
- Luise Dorothee Giani
- Rainer Buchwald
- Gudrun Massmann

Module counseling
- Holger Freund
- Joachim Peinke
- Luise Dorothee Giani
- Rainer Buchwald
- Gudrun Massmann

Entry requirements
None

Skills to be acquired in this module
- In-depth knowledge about processes and systems relevant for sustainable management using knowledge and methodologies from all science disciplines in an integrated way.
- Familiarity with approaches to problem-driven, transdisciplinary research and management.
- Ability to present and evaluate different concepts of environmental science for sustainable management.
- Skills in elaborating on complex tasks of environmental management using an interdisciplinary science based approach and to present related findings to non-expert audiences.

Module contents
- Problem-driven learning about environmental science in different scientific contexts of water management and regional development.
- Studies to understanding the complexity of sustainability and science in management. Use of relevant methods in the field or lab.
- Discussing topics of environmental sciences with researchers, students and practitioners from different scientific disciplines or sectors.

Reader’s advisory
A ‘foundation material pool’ will be made available online for students and lecturers providing paper books, reports and media covering the topics of the lecture and the cases

Links
- Language of instruction: English
- Duration (semesters): 1 Semester
- Module frequency: halbjährlich
- Module capacity: unlimited
- Reference text: Lecture room presentations and discussions based on slides and black/white board usage. Short films will be presented. Practical work.
- Modullevel: Abschlussmodul (Abschlussmodul)
- Modulart: Ergänzung/Professionalisierung
- Lern-/Lehrform / Type of program: Lecture and seminar
- Varying lecture (2 contact hours/week) and connected seminar or practical course (2 contact hours/week)

Vorkenntnisse / Previous knowledge

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<tr>
<th>Examination</th>
<th>Time of examination</th>
<th>Type of examination</th>
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<tr>
<td>Final exam of module</td>
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<td>Seminar</td>
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Course type
- Seminar

SWS
- Frequency: Workload attendance 0 h