### Module-No. Geo M103

<table>
<thead>
<tr>
<th>Module-name</th>
<th>Subject areas</th>
<th>Duration/sem.</th>
<th>Frequency of offering</th>
<th>Type (C/CE/E)</th>
<th>Emphasis in overall grade / %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Project Management</td>
<td>Hydrography</td>
<td>1 Semester</td>
<td>each WiSe</td>
<td>C</td>
<td>4.16 %</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CP (according to ECTS)</th>
<th>Workload / h.</th>
<th>Self-study / h.</th>
<th>Contact time / h.</th>
<th>Contact hours / week (SWS)</th>
<th>Type of examination</th>
</tr>
</thead>
<tbody>
<tr>
<td>5CP</td>
<td>150</td>
<td>94</td>
<td>56</td>
<td>4</td>
<td>oral (graded)</td>
</tr>
</tbody>
</table>

### Previous knowledge / Conditions for participation (in form and content)
- 

### Educational aims of the module (Learning objectives/results, skills)

**Project Management:**
Understanding of principles of project planning and project management. Students are enabled to implement a goal oriented project planning (GOPP) applying the Metaplan technique.

**Quality Management:**
Knowledge of aspects of quality management through analysing QM-approaches in engineering fields.

### Course contents

**Project Management:**
Planning a project: analysis of problems and objectives, creating a Problem/Objective-Tree, developing a project planning matrix with definition of overall objectives, project-goals and results. Operationalising a project: Planning of activities and evaluation of objectively verifiable indicators.

**Quality Management:**

### Teaching and learning methods

**Taught seminars, Seminar**

### Condition for awarding the ECTS-credits

Seminar in Project Management and oral examination in Quality Management

### Additional Information

Latest update: 06/2011