### Study Card

**Module-No.** Hyd_M306  
**Semester** 3  
**Teaching staff** Prof. Dr.-Ing. V. Böder  
**Module-coordinator (designated each sem.)** Prof. Dr.-Ing. V. Böder

<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>Practice</td>
<td>Hydrography</td>
<td>1 Semester</td>
<td>each WiSe</td>
<td>C</td>
<td>8,33 %</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>10CP</td>
<td>300</td>
<td>216</td>
<td>84</td>
<td>1 + 5</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)**  
The students are acquainted with modern hydrographic sensors in the context of a practical project. Further, the students are introduced to Quality Management related to hydrographic surveying.

**Course contents**  
**Supplementary Field Training:**  
This module is a field training block in practical hydrography. It is particularly directed to those students with lacks of practical experience. The training involves introduction to different survey systems (e.g. RESON SeaBat 8101, INNOMAR SES-2000fan, Marine Magnetics Explorer Mini Magnetometer etc.), data acquisition, data cleaning, processing of reduced data and presentation of results.

**Project Management:**  
Carrying out an operational planning workshop, appointment of persons responsible for different positions within the project: e.g. project manager, time manager, public relation manager, etc., permanent supervision and control of project progress, weak point analysis after project realization.

**Teaching and learning methods**  
Taught seminars, Practical course

**Condition for awarding the ECTS-credits**  
Practical training completion in Supplementary Field Training and Combined Oral Examination

**Additional Information**

Latest update: 06/2011