inf172 - Special Topics in 'Information Systems' I

<table>
<thead>
<tr>
<th>Module label</th>
<th>Special Topics in 'Information Systems' I</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module code</td>
<td>inf172</td>
</tr>
<tr>
<td>Credit points</td>
<td>3.0 KP</td>
</tr>
<tr>
<td>Workload</td>
<td>90 h</td>
</tr>
<tr>
<td>Used in course of study</td>
<td>• Master's Programme Computing Science &gt; Praktische Informatik</td>
</tr>
<tr>
<td>Contact person</td>
<td>Module responsibility</td>
</tr>
<tr>
<td></td>
<td>• Marco Grawunder</td>
</tr>
<tr>
<td></td>
<td>• Lehrende der Informatik</td>
</tr>
</tbody>
</table>

Entry requirements
Skills to be acquired in this module
This module integrates current developments in the field in adequate study courses.

Professional competences
The students:

- Define and contrast a computer science part, in which they are specialised, in detail or evaluate computer science in general
- Recognise and evaluate applied techniques/methods of their subject and are aware of their limits
- Identify, structure and solve problems/tasks, also in new or developing subject areas
- Apply state of the art and innovative methods to solve problems, if necessary from other disciplines
- Are aware of the current limits and contribute to the development of computer science research and technology
- Discuss and evaluate recent computer science developments

Methodological competences
The students:

- Examine tasks with technical and research literature, write an academic article and present their solutions academically
- Evaluate problems/tasks, including new or developing subject areas of their discipline and apply computer science methods for solutions and research
- Schedule time processes and resources

Social competences
The students:

- Communicate with users and experts convincingly

Self-competences
The students:

- Pursue the overall and special computer science development critically
- Develop and reflect self-developed hypotheses to theories independently

Module contents
According to the assigned course

Reader's advisory
As announced in course

Links

Language of instruction
German

Duration (semesters)
1 Semester

Module frequency
unregelmäßig

Module capacity
unlimited

Modullevel
AS (Akzentsetzung)

Modulart
Wahlpflicht

Lern-/Lehrform / Type of program
V or S

Vorkenntnisse / Previous knowledge

Examination
Final exam of module
Time of examination
At the end of the lecture period
Type of examination
Presentation or oral exam
<table>
<thead>
<tr>
<th>Course type</th>
<th>Course or seminar</th>
</tr>
</thead>
<tbody>
<tr>
<td>SWS</td>
<td>2.00</td>
</tr>
<tr>
<td>Frequency</td>
<td>WiSe</td>
</tr>
<tr>
<td>Workload attendance</td>
<td>28 h</td>
</tr>
</tbody>
</table>