inf172 - Special Topics in 'Information Systems' I

<table>
<thead>
<tr>
<th><strong>Module label</strong></th>
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<tbody>
<tr>
<td><strong>Module code</strong></td>
<td>inf172</td>
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<tr>
<td><strong>Credit points</strong></td>
<td>3.0 KP</td>
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<tr>
<td><strong>Workload</strong></td>
<td>90 h</td>
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<tr>
<td><strong>Used in course of study</strong></td>
<td>Master's Programme Computing Science &gt; Praktische Informatik</td>
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<tr>
<td><strong>Contact person</strong></td>
<td>Module responsibility</td>
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<tr>
<td></td>
<td>- Marco Grawunder</td>
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<td></td>
<td>- Lehrende der Informatik</td>
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**Entry requirements**
This module integrates current developments in the field in adequate study courses.

**Skills to be acquired in this module**

**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 and 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

**Module level**
AS (Akzentsetzung)

**Moduleart**
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>
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<th>Course type</th>
<th>Course or seminar</th>
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<tbody>
<tr>
<td>SWS</td>
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<tr>
<td>Frequency</td>
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<td>Workload attendance</td>
<td>28 h</td>
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