### inf181 - Current Topics in 'Software Engineering' I

<table>
<thead>
<tr>
<th>Module label</th>
<th>Current Topics in 'Software Engineering' I</th>
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<tbody>
<tr>
<td>Module code</td>
<td>inf181</td>
</tr>
<tr>
<td>Credit points</td>
<td>3.0 KP</td>
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<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>
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<tr>
<td>Contact person</td>
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**Module responsibility**
- Andreas Winter
- Die im Modul Lehrenden

**Authorized examiners**
- Andreas Winter
- Die im Modul Lehrenden

**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 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

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**Module contents**

See assigned course description

**Reader’s advisory**

As announced in course

**Links**

**Language of instruction**

German

**Duration (semesters)**

1 Semester

**Module frequency**

unregelmäßig

**Module capacity**

unlimited

**Modullevel**

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**Lern-/Lehrform / Type of program**

S or V

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1 / 2
### Vorkenntnisse / Previous knowledge

<table>
<thead>
<tr>
<th>Examination</th>
<th>Time of examination</th>
<th>Type of examination</th>
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<tbody>
<tr>
<td>Final exam of module</td>
<td>At the end of the lecture periode</td>
<td>Presentation or oral exam</td>
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**Course type**: Course or seminar

**SWS**: 2.00

**Frequency**: SuSe or WiSe

**Workload attendance**: 28 h