# inf180 - Current Topics in 'Software Engineering' I

**Module label**: Current Topics in 'Software Engineering' I  
**Module code**: inf180  
**Credit points**: 3.0 KP  
**Workload**: 90 h  
**Used in course of study**: Master's Programme Computing Science > Praktische Informatik  
**Contact person**: Andreas Winter  
**Authorized examiners**: Andreas Winter, Die im Modul Lehrenden

## Entry requirements

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

## 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: AS (Akzentsetzung / Accentuation)  
Modulart: je nach Studiengang Pflicht oder Wahlpflicht  
Lern-/Lehrform / Type of program: S or V
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 period</td>
<td>Presentation or oral exam</td>
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Course type

- SWS: 2.00
- Frequency: WiSe
- Workload attendance: 28 h