inf490 - Current Topics in 'Formal Languages' I

Module label: Current Topics in 'Formal Languages' I
Module code: inf490
Credit points: 3.0 KP
Workload: 90 h

Used in course of study:
- Master's Programme Computing Science > Theoretische Informatik

Contact person:
- Annegret Habel
- Die im Modul Lehrenden

Module responsibility

Authorized examiners
- Annegret Habel
- 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

Module contents

See assigned course description

Reader's advisory

As announced in course

Links

Language of instruction: German

Duration (semesters): 1 Semester

Module frequency: halbjährlich

Module capacity: unlimited

Modullevel: AS (Akzentsetzung / Accentuation)

Modular
je nach Studiengang Pflicht oder Wahlpflicht

Lern-/Lehrform / Type of program: S or V
## 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 details

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<thead>
<tr>
<th>Course type</th>
<th>SWS</th>
<th>Frequency</th>
<th>Workload attendance</th>
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<td>Course or seminar</td>
<td>2.00</td>
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<td>28 h</td>
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