inf488 - Special Topics in 'Formal Languages' I

Module label
Special Topics in 'Formal Languages' I

Module code
inf488

Credit points
6.0 KP

Workload
180 h

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

Contact person
Annegret Habel

Module responsibility
- Annegret Habel
- Die im Modul Lehrenden

Authorized examiners
- Annegret Habel
- Die im Modul Lehrenden

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 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:

- evaluate and apply tools, technology and methods sophisticationly
- combine new and original approaches and methods creatively
- evaluate problems/tasks, including new or developing subject areas of their discipline and
  apply computer science methods for solutions and research

Social competences
The students:

- support team process by their abilities

Self-competences
The students:

- pursue the overall and special computer science development critically
- implement innovative professional activities effectively and independently

Module contents
See assigned course description

Reader's advisory
As announced in course

Language of instruction
German

Duration (semesters)
1 Semester

Module frequency
unregelmäßiger

Module capacity
unlimited

Modullevel
AS (Akzentsetzung / Accentuation)

Modulart
je nach Studiengang Pflicht oder Wahlpflicht

Vorkenntnisse / Previous knowledge
2 courses out of V, S, Ü, P, PR
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<th>Examination</th>
<th>Time of examination</th>
<th>Type of examination</th>
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<td>Final exam of module</td>
<td>At the end of the lecture period</td>
<td>Portfolio or presentation or oral exam</td>
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