inf489 - Special Topics in 'Formal Languages' II

Module label: Special Topics in 'Formal Languages' II
Module code: inf489
Credit points: 6.0 KP
Workload: 180 h

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

Contact person:
- Michael Sonnenschein
- Annegret Habel

Module responsibility:

Module counseling:
- Die im Modul Lehrenden

Entry requirements:

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 sophisticatedly
- 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
Links: German
Duration (semesters): 1 Semester
Module frequency: unregelmäßig
Module capacity: unlimited
Modullevel: ---
Tlehform / Type of program: je nach Studiengang Pflicht oder Wahlpflicht
Vorkenntnisse / Previous knowledge: 2 courses out of V, S, Ü, P, PR
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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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