inf172 - Special Topics in 'Information Systems' I

Module label: Special Topics in 'Information Systems' I
Module code: inf172
Credit points: 3.0 KP
Workload: 90 h
Used in course of study: Master's Programme Computing Science > Praktische Informatik
Contact person: Module responsibility
- Marco Grawunder
- Lehrende der Informatik

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: According to the assigned course
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)
Modulart: Wahlpflicht
Lern-/Lehrform / Type of program: V or S
Vorkenntnisse / Previous knowledge:

Examination:
Final exam of module:
Time of examination: At the end of the lecture period
Type of examination: Presentation or oral exam
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