inf801 - Research Seminar in Computer Science

Module label	Research Seminar in Computer Science
Modulkürzel	inf801
Credit points	3.0 KP
Workload	90 h
Verwendbarkeit des Moduls	• Bachelor's Programme Business Informatics (Bachelor) > Akzentsetzungsbereich Praktische Informatik und Angewandte Informatik • Bachelor's Programme Computing Science (Bachelor) > Akzentsetzungsbereich - Wahlbereich Informatik
Zuständige Personen	• Nieße, Astrid (module responsibility) • Sauer, Jürgen (module responsibility) • Lehrenden, Die im Modul (Prüfungsberechtigt)

Prerequisites

No participant requirements

Skills to be acquired in this module

Supported by a lecturer the students get familiar with literature of a topic. They understand and evaluate the relevance of the literature. After this evaluation the students present and discuss their solutions academically.

Professional competence
The students:

- characterise and apply computer science basics (algorithms, data structures, programming, basics of practical, technical and theoretical computer science)
- reflect a scientific topic and present their solutions

Methodological competence
The students:

- examine problems, use formal methods to phrase them and analyze them appropriately
- evaluate problems by the use of technical and scientific literature
- reflect on a scientific topic and write a scientific seminar paper under guidance and present their findings
- work scientifically

Social competence
The students:

- communicate considerately and appropriately with users and experts
- use presentation methods

Self-competence
The students:

- plan their informatical actions independently
- reflect their contributions critically and discuss them with users and experts
- collect and update their knowledge independently

Module contents

according to the assigned task

Literaturempfehlungen

according to the assigned task

Links
Language of instruction   German
Duration (semesters)   1 Semester
Module frequency   semi-annual
Module capacity   unlimited
Teaching/Learning method   S

Examination	Prüfungszeiten	Type of examination
Final exam of module		
		Presentation

Lehrveranstaltungsform	Seminar
SWS	2
Frequency	
Workload Präsenzzeit	28 h