inf903 - Research Project I

Module label: Research Project I
Module code: inf903
Credit points: 12.0 KP
Workload: 360 h

Used in course of study:
- Master's Programme Business Informatics > Akzentsetzungsmodul Bereich Wirtschaftsinformatik
- Master's Programme Engineering of Socio-Technical Systems > Systems Engineering

Contact person:
Module responsibility
- Axel Hahn

Authorized examiners
- Die im Modul Lehrenden

Entry requirements:
Skills to be acquired in this module:
Ziele des Moduls/Kompetenzen:
The Module practices the scientific competencies in preparation of the master thesis. It is intended to replace the project group with the two “Research Project” modules to ensure studibility and to enable students to perform research projects at foreign universities. Additionally, it is also intended to embed the student into the research activities of the supervisor in preparation of a potential doctoral work after finishing the program.

Professional competencies:
the students will extend their competences in the required technologies of the research area.

Methodological competencies:
the students will extend their competences in scientific methodologies, methods, and tools regarding the research area.

Social competences:
Social competences are extended due to the integration in the working group of the supervisor of the work and include the presentation and discussion of the results within the working group.

Self competences:
- Recognise their abilities and extend them purposefully
- Reflect their self-perception and actions with regard to professional, methodological and social aspects
- Develop and reflect self-developed hypothesis to theories independently
- Work in their field independently

Module contents:
Definition of a research question, identifying the state of the art, development of a research plan, performing research tasks, scientific writing, presentation of results

Reader’s advisory:

Links:

Languages of instruction: English, German
Duration (semesters): 1 Semester
Module frequency: Once a year
Module capacity: Unlimited
Module level: AS (Akzentsetzung / Accentuation)
Modular: Pflicht o. Wahlpflicht / compulsory or optional

Lern-/Lehrform / Type of program: P

Vorkenntnisse / Previous knowledge:

Examination:
Time of examination: Type of examination: Projekt

Course type: Project

SWS: 6.00
Frequency: SuSe and WiSe
Workload attendance: 84 h