inf973 - Psychological practicum fNIRS, EEG

Module label: Psychological practicum fNIRS, EEG
Module code: inf973
Credit points: 6.0 KP
Workload: 180 h

Used in course of study:
- Master's Programme Engineering of Socio-Technical Systems > Embedded Brain Computer Interaction

Contact person:
Module responsibility
- Jochem Rieger
- Die im Modul Lehrenden

Authorized examiners
- Jochem Rieger
- Die im Modul Lehrenden

Entry requirements:
Skills to be acquired in this module:

Professional competences:
The students:
- will acquire Knowledge of planning, performing, and analysis of a neurocognitive study

Methodological competences:
The students:
- learn to arrange a scientific report
- be taught in the methods of psychophysiology, e.g. EEG, MEG, fMRI, or fNIRS

Social competences:
The students:
- will work within a team

Self-competences:
The students:
- will have to apply time management

Module contents:
The module consists of a practical part.
The students will obtain knowledge of literature search, comprehension of scientific texts. They will acquire skills in conducting experimental research.

Reader's advisory:

Links:
Language of instruction: English
Duration (semesters): 1 Semester
Module frequency: Once a year
Module capacity: 6
Module level: AS (Akzentsetzung / Accentuation)
Modulart: Pflicht / Mandatory
Lern-/Lehrform / Type of program: P
Vorkenntnisse / Previous knowledge:

Examination:
Final exam of module: At the end of the semester
Type of examination: Presentation
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