inf970 - Fundamental Competences in Psychology I: Psychology

Module label
Fundamental Competences in Psychology I: Psychology

Module code
inf970

Credit points
6.0 KP

Workload
180 h

Used in course of study
- Master's Programme Engineering of Socio-Technical Systems > Fundamentals/Foundations

Contact person
Christoph Siegfried Herrmann
Die im Modul Lehrenden

Authorized examiners
Die im Modul Lehrenden

Entry requirements
The lecture will be based mainly on the textbook by Atkinson & Hilgards. It will introduce the students to selected topics of Experimental Psychology which are relevant for socio-technical systems (e.g. learning & memory, perception, language, emotion). It will also cover aspects of Social Psychology, Psychological Disorders, and Individual Psychology. It thereby provides students with a background in computer science or a related discipline with fundamental skills in experimental psychology necessary for mastering the subsequent courses from psychology featured in the curriculum.

Professional competence
The students:
- will acquire basic knowledge in selected topics of Psychology

Methodological competence
The students:
- learn selected methods and theories of Psychology

Social competence
The students:
- will learn to work together in small groups
- will communicate scientific theories

Self-competences
The students:
- will learn to apply their knowledge in other, more specific Psychology courses

Module contents
Reader's advisory

Links
Language of instruction
English

Duration (semesters)
1 Semester

Module frequency
once a year

Module capacity
unlimited

Reference text
This course is part of the base curriculum of the MSc program "Engineering of Socio-Technical Systems". It provides students featuring a background in computer science with fundamental competences in experimental psychology as necessary for mastering the courses from psychology subsequently featured in the curriculum. This course is not intended for students with a background in psychology.

Modullevel
BC (Basiscurriculum / Base curriculum)

Modulart
Pflicht o. Wahlpflicht / compulsory or optional

Lern-/Lehrform / Type of program
V+Ü

Vorkenntnisse / Previous knowledge

Examination
Final exam of module
Time of examination
During the last lecture appointment
Type of examination
Written exam
<table>
<thead>
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<th>Course type</th>
<th>Comment</th>
<th>SWS</th>
<th>Frequency</th>
<th>Workload attendance</th>
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<td>WiSe</td>
<td>28 h</td>
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<tr>
<td>Exercises</td>
<td></td>
<td>2.00</td>
<td>WiSe</td>
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**Total time of attendance for the module**

56 h