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

**Module responsibility**
- 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.

**Skills to be acquired in this module**

**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**
onece 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>
<tr>
<th>Course type</th>
<th>Comment</th>
<th>SWS</th>
<th>Frequency</th>
<th>Workload attendance</th>
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<tbody>
<tr>
<td>Lecture</td>
<td></td>
<td>2.00</td>
<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