

<b>Module title</b>		<b>Abbreviation</b>
Psychology of Interactive Systems		o6-HCI-PSY-212-m01
<b>Module coordinator</b>		<b>Module offered by</b>
holder of the Chair of Psychological Ergonomics		Institute of Human Computer Media
<b>ECTS</b>	<b>Method of grading</b>	<b>Only after succ. compl. of module(s)</b>
5	numerical grade	--
<b>Duration</b>	<b>Module level</b>	<b>Other prerequisites</b>
1 semester	graduate	--
<b>Contents</b>		
<p>In the module, explanatory models, methods and findings from psychology are used to explain, predict and evaluate interactions between humans and technology. Each unit deals with one area of psychology (e.g., cognitive psychology, clinical psychology) and applies it to a human-technology interaction (e.g., cognitive: design and arrangement of icons, distraction by driver information systems or multitasking; clinical: internet addiction, information overload or VR in therapy and rehabilitation). Lecturers present the knowledge base according to the current state of research for the acquisition of the subject competencies.</p>		
<b>Intended learning outcomes</b>		
<p>After participating in this module, students will have extensive knowledge of essential subfields of psychology and their possible applications in human-computer interaction. They will be able to explain examples. This knowledge enables students on the one hand to analyze, design and evaluate interactive systems with regard to psychological principles and on the other hand to generate possible further questions and applications in the field of human-computer interaction on the basis of psychological principles. In addition to technical competencies, the focus is on social and personal competencies.</p>		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
S (2)		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>a) presentation (approx. 30 minutes) with handout (approx. 2 pages) or  b) written examination (approx. 90 minutes) or  c) oral examination of one candidate each (approx. 30 minutes)  Language of assessment: German and/or English  creditable for bonus</p>		
<b>Allocation of places</b>		
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<b>Additional information</b>		
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<b>Workload</b>		
150 h		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
Master's degree (1 major) Human-Computer-Interaction (2021)		