

Module title		Abbreviation
HCI Theories		o6-HCI-THCI-142-mo1
Module coordinator		Module offered by
holder of the Chair of Psychological Ergonomics		Institute of Human Computer Media
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>Human-computer interaction is a discipline at the interface between social and computer science. It explores how humans use devices and systems and how the usefulness and the usability of these devices and systems may be enhanced. In the early years of the discipline, the development of theories and models was influenced mainly by theories from the cognitive sciences on perception, motor functions, memory etc. The development in the cognitive sciences, the increasingly international character and rapid technological progress then led to both a specialisation and new theoretical approaches in HCI. This seminar will explore classic as well as new theoretical approaches and methods in HCI trying to find a common framework despite all specialisation and fragmentation.</p>		
Intended learning outcomes		
<p>German intended learning outcomes available but not translated yet.</p> <p>Nach der Teilnahme an diesem Modul habe die Studierenden eine umfangreiche Kenntnis über theoretische Ansätze und Methoden der HCI und unterscheiden aus welchen Traditionen bestimmte theoretische Ansätze und Methoden entstanden sind. Diese Kenntnisse ermöglichen eine Einschätzung der Angemessenheit einer Theorie oder Methode für ein spezielles Problem und ermöglichen damit auch eine theoretisch begründete und bewusste Entscheidung für oder gegen eine Theorie oder Methode.</p>		
Courses (type, number of weekly contact hours, language – if other than German)		
A (no information on SWS (weekly contact hours) and course language available)		
Method of assessment (type, scope, language – if other than German, examination offered – if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (approx. 75 minutes) or b) presentation (approx. 20 minutes) with handout (approx. 2 pages) or c) presentation of project results (approx. 20 minutes) or d) term paper (approx. 10 pages) or e) a total of approx. 5 hours of completing exercises or f) oral examination (approx. 35 minutes)</p> <p>Language of assessment: German, English</p>		
Allocation of places		
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Additional information		
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Workload		
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Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Master's degree (1 major) Human-Computer-Interaction (2014)		