

Module title		Abbreviation
HCI Theories		o6-HCI-THCI-212-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 lies at the intersection of the social sciences and computer science and seeks to understand how people use devices and systems and how to make those devices and systems more useful and usable. Theories in cognitive science about perception, motor skills, memory, etc., informed theory and model development in the early years. In the following years, developments in cognitive science, internationalization, and rapid technological development had led to both specialization and new theoretical approaches in HCI. In this seminar, classical and especially new theoretical approaches and methods in HCI will be considered, trying to find a common framework despite all specialization and fragmentation.</p>		
Intended learning outcomes		
<p>After participating in this module, students have an extensive knowledge of theoretical approaches and methods in HCI and can distinguish from which traditions certain theoretical approaches and methods have emerged. This knowledge enables an assessment of the appropriateness of a theory or method for a specific problem and thus also enables a theoretically based and conscious decision for or against a theory or method.</p>		
Courses (type, number of weekly contact hours, language — if other than German)		
S (2)		
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. 120 minutes) or b) oral examination of one candidate each (approx. 30 minutes) Language of assessment: German and/or English creditable for bonus</p>		
Allocation of places		
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Additional information		
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Workload		
150 h		
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 (2021)		