

Module title		Abbreviation
Methods for Human-Centered Design		o6-HCI-B-MBG-242-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)
10	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	undergraduate	--
Contents		
This module is about teaching methods of requirements analysis and the design of user interfaces of interactive products. The methods are introduced in the lecture part of the course. Selected methods are tested by the students on examples in the exercise part of the course. In a team, they develop a product concept and carry out the first phases of a user-centered design process from context of use and requirements analysis to the design of design solutions and a tested low-fidelity prototype.		
Intended learning outcomes		
After participating in the module courses, students are able to apply selected methods for context of use and requirements analysis as well as for the design of human-technology interaction. They will be able to contrast the methods and assess the usefulness of individual methods for specific goals and apply the methods to the design of an interactive system. Project work promotes independent planning, communication and cooperation in groups as well as the ability to resolve conflicts.		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (4) Module taught in: German and/or English		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) project report (approx. 12 pages) or b) oral examination of one candidate each (approx. 30 minutes) Language of assessment: German and/or English creditable for bonus		
Allocation of places		
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Additional information		
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Workload		
300 h		
Teaching cycle		
Teaching cycle: only in summer semester		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Bachelor's degree (1 major) Human-Computer-Interaction (2024)		