

Module title		Abbreviation
Methods for User-Centered Design		o6-MCS-MBG-101-m01
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		
<p>This module will acquaint students with methods of ergonomic product design and will provide them with an opportunity to apply these. Having been introduced to these methods during the lecture, students will apply selected methods to examples during the exercise. In addition, students will develop a product concept and will carry out the initial stages of an ergonomic design process from context-of-use and requirements analysis through the development of design solutions to a tested (paper) prototype.</p>		
Intended learning outcomes		
<p>German intended learning outcomes available but not translated yet.</p> <p>Die Studierenden kennen ausgewählte Methoden zur Nutzungskontext- und Anforderungsanalyse sowie zur Gestaltung von Mensch-Technik-Interaktion. Sie können die Methoden gegenüberstellen und die Nützlichkeit einzelner Methoden für spezifische Ziele abschätzen und die Methoden für die Gestaltung eines Systems anwenden. Die Projektarbeit fördert das selbständige Planen, die Kommunikation und Kooperation in Gruppen sowie die Fähigkeit Konflikte zu lösen.</p>		
Courses (type, number of weekly contact hours, language — if other than German)		
V + Ü (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)		
presentation of project results (approx. 20 minutes) and project report (approx. 12 pages) Language of assessment: German or English		
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		
Bachelor' degree (1 major) Human-Computer Systems (2010)		