

Module title		Abbreviation
Human Factors 1		o6-PSY-MA-HF-1-212-m01
Module coordinator		Module offered by
holder of the Chair of Cognitive Psychology		Institute of Psychology
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>Work places, machines but also products and vehicles we use in everyday life have to be designed in such a way that they meet the needs and skills of users, and thus take into account the “human factor” in man machine interfaces. This module introduces theoretical foundations and examples of human factors research. The module also introduces evidence-based methods for evaluating and improving human behavior in technical environments.</p>		
Intended learning outcomes		
<p>Students learn in which ways concepts of experimental psychology can be used to describe and improve man-machine systems. They learn to make suggestions of how to evaluate and design corresponding systems.</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. 60 minutes) or b) presentation (approx. 30 minutes) or c) term paper (approx. 10 pages) 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		
Teaching cycle		
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Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
<p>Master's degree (1 major) Psychology (2022) exchange program Psychology (2023)</p>		