

<b>Module title</b>		<b>Abbreviation</b>
Human Factors 1		o6-PSY-MA-HF-1-212-mo1
<b>Module coordinator</b>		<b>Module offered by</b>
holder of the Chair of Cognitive Psychology		Institute of Psychology
<b>ECTS</b>	<b>Method of grading</b>	<b>Only after succ. compl. of module(s)</b>
5	numerical grade	--
<b>Duration</b>	<b>Module level</b>	<b>Other prerequisites</b>
1 semester	graduate	--
<b>Contents</b>		
<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>		
<b>Intended learning outcomes</b>		
<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>		
<b>Courses</b> (type, number of weekly contact hours, language – if other than German)		
S (2)		
<b>Method of assessment</b> (type, scope, language – if other than German, examination offered – if not every semester, information on whether module is creditable for bonus)		
<p>written examination (approx. 60 minutes) or presentation (approx. 30 minutes) or term paper (approx. 10 pages)            Language of assessment: German and/or English            Creditable for bonus</p>		
<b>Allocation of places</b>		
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<b>Additional information</b>		
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<b>Workload</b>		
150 h		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
Master's degree (1 major) Psychology (2022)		