

Module title		Abbreviation
Statistics 2		o6-PSY-STAT-2-152-m01
Module coordinator		Module offered by
holder of the Professorship of Psychological Research Methods		Institute of Psychology
ECTS	Method of grading	Only after succ. compl. of module(s)
6	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	undergraduate	--
Contents		
<p>The module provides advanced knowledge of inferential statistics (sampling techniques, estimation principles, confidence intervals, theory of null hypothesis testing, parametric and non-parametric methods for uni- and bivariate records, equivalence tests, contingency table analysis, analysis of variance). The principles of statistical analysis of data will be discussed in a lesson on the basis of examples. The practical application of the methods is trained in tutorials with the help of calculating exercises.</p>		
Intended learning outcomes		
<p>Students possess knowledge of various inferential procedures and their foundations as well as the ability to select adequate statistical methods for testing empirical questions, perform these correctly, display the results reasonably and interpret them correctly.</p>		
Courses (type, number of weekly contact hours, language – if other than German)		
S (4) + Ü (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>written examination (approx. 120 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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Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
<p>Bachelor' degree (1 major) Psychology (2015) Bachelor' degree (1 major) Human-Computer Systems (2015) Bachelor' degree (1 major) Media Communication (2015) Bachelor' degree (1 major) Human-Computer Systems (2016) Bachelor' degree (1 major) Human-Computer Systems (2018)</p>		