Module title			Abbreviation
Statistics 1			06-PSY-STAT-1-152-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

The course gives an introduction to univariate and bivariate descriptive statistics and probability theory (descriptive statistics, graphic representations of data, probability theory, Bayes, distributions, binomial test, linear, nonlinear and multiple regression, correlation) as well as statistical methods of evaluation research. The application of computer-based data collection and -analysis is trained in exercises and explicitly tested in the exam.

Intended learning outcomes

Students acquire knowledge of various procedures of descriptive statistics and probability theory and their foundations as well as the ability to select adequate statistical methods for testing empirical questions, perform the procedures correctly with using computer-based data analysis, display the results reasonably and interpret them correctly.

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)

written examination (approx. 120 minutes)
Language of assessment: German and/or English
creditable for bonus

Allocation of places

--

Additional information

--

Workload

180 h

Teaching cycle

Teaching cycle: every semester

Referred to in LPO I (examination regulations for teaching-degree programmes)

--

Module appears in

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)