

**Module description**

Module title	PSY-BA-PM-01: Statistics
Subject	Statistics
Associated degree	Bachelor of Science (B.Sc.)
Module coordinator	Prof. Dr. Christof Schuster Christof.Schuster@psychol.uni-giessen.de
Frequency and duration	Winter and summer (2 semester course, 1.5h per week)
Language of instruction	German
Examination	Written examination
ECTS	5
Prerequisites	none
Learning outcomes	Students will learn basic concepts of data analysis that are crucial in collecting and evaluating data. They will then apply these skills to solving statistical problems, including the use of statistics computer programs.
Module content	<ul style="list-style-type: none">• Descriptive statistics• Probability calculations• Statistical inference• Statistical analysis of dependence and independence hypotheses• Univariate and multivariate analysis of variance• Analysis of variance with repeated measurements• Experiment design