### Module title
Statistics 2

### Abbreviation
06-PSY-STAT-2-202-m01

### Module coordinator
holder of the Professorship of Psychological Research Methods

### Module offered by
Institute of Psychology

### ECTS
6

### Method of grading
numerical grade

### Only after succ. compl. of module(s)
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### Duration
1 semester

### Module level
undergraduate

### Other prerequisites
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### Contents
The module provides advanced knowledge of inferential statistics (sampling, estimation principles, confidence intervals, theory of Null hypothesis testing, parametric and nonparametric methods for univariate and bivariate data sets, tests of equivalence, contingency table analysis, analysis of variance). After the principles of statistical data analysis are discussed, computational procedures using computer based data analysis are trained with examples and tested in the final exam.

### Intended learning outcomes
Students possess knowledge of various inferential procedures and their foundations as well as the ability to select adequate statistical methods for testing empirical questions e.g. from evaluation research, perform these correctly, 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
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### Additional information
Kompetenzen gem. PsychTh-ApprO Anlage 1Wissenschaftliche Methodenlehre (4 ECTS)

Referred to in LPO I (examination regulations for teaching-degree programmes)
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### Module appears in
Bachelor’ degree (1 major) Psychology (2020)