

Module title		Abbreviation
Psychological Research Methods		o6-PSY-MAKLIN-ML-222-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)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
Students obtain knowledge and abilities in applying multivariate statistical techniques and measurement theory (e.g. multiple regression, multifactorial ANOVA (mixed), ANCOVA, discriminant analysis) to evaluate scientific results and integrate this knowledge, e.g., to their own psychotherapeutical practice. The computations are performed using appropriate statistical software with sample data sets, and interpretation of results is trained.		
Intended learning outcomes		
Students get knowledge about different complex statistical procedures and the ability to select adequate procedures for testing hypotheses, to perform the procedures using modern statistical software, display the results consistently and to interpret results with respect to limitations of the statistical procedures appropriately. In addition, the application of complex and multivariate survey and evaluation methods for the evaluation and quality assurance of interventions is learned.		
Courses (type, number of weekly contact hours, language — if other than German)		
S (2) Module taught in: German and/or English		
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		
Allocation of places		
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Additional information		
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Workload		
150 h		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Master's degree (1 major) Psychology: Clinical Psychology, Psychotherapy and Clinical Neuroscience (2022)		