

<b>Module title</b>		<b>Abbreviation</b>
Psychological Research Methods		o6-PSY-MAKLIN-ML-222-m01
<b>Module coordinator</b>		<b>Module offered by</b>
holder of the Professorship of Psychological Research Methods		Institute of Psychology
<b>ECTS</b>	<b>Method of grading</b>	<b>Only after succ. compl. of module(s)</b>
5	numerical grade	--
<b>Duration</b>	<b>Module level</b>	<b>Other prerequisites</b>
1 semester	graduate	--
<b>Contents</b>		
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.		
<b>Intended learning outcomes</b>		
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.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
S (2) Module taught in: German and/or English		
<b>Method of assessment</b> (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		
<b>Allocation of places</b>		
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<b>Additional information</b>		
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<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
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<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
Master's degree (1 major) Psychology: Clinical Psychology, Psychotherapy and Clinical Neuroscience (2022)		
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