

**Module description**

Module title	PSY-BA-PM-10: Test Theory and Test Design
Subject	Methodology
Associated degree	Bachelor of Science (B.Sc.)
Module coordinator	Prof. Dr. Christof Schuster Christof.Schuster@psychol.uni-giessen.de
Frequency and duration	Winter (1 semester course, 1.5h per week)
Language of instruction	German
Examination	Written examination
ECTS	5
Prerequisites	Completion of a Statistic course
Learning outcomes	The students will learn about the basic concepts of psychological tests. In this context, they will encounter fundamental terms in classical test theory and item response theory which are used to evaluate the quality of psychological tests. The students will also learn how to design a psychological test.
Module content	<ul style="list-style-type: none">- Axioms of the classical theory of mental tests- Reliability and validity- Analysis of items and test design- Logistical test models- Application of item response theory- Principles of design and validation of questionnaires