

Master of Science in Psychology

Abbreviated Module Descriptions

Modul A: Quantitative Forschungsmethoden und Evaluation

Module A: Quantitative Research Methods and Evaluation (12 Credit Points)

Advanced quantitative methods (multivariate methods, mathematical modelling); program evaluation; knowledge is acquired in lectures; skills in computer-assisted data analyses are acquired in a seminar.

Modul B: Psychologische Diagnostik

Module B: Psychological Assessment and Decision Making (8 Credit Points)

Decision making; heuristics and biases; cognitive illusions; psychological testing and assessment; scale development; implicit association test; game theory; social dilemmas; personnel selection; DIN 33430; meta-analysis.

Modul C: Kommunikation wissenschaftlicher Ergebnisse

Module C: Communication of Scientific Results (7 Credit Points)

Communication of scientific results including drawing and presentation of an opinion; report on current scientific results; presentation of own research data.

Modul D: Nicht-psychologisches Nebenfach: Einführung in die Neuroanatomie für Studierende der Psychologie

Module D: Minor: Introduction to Neuroanatomy (8 Credit Points)

Principles of human neuroanatomy with an emphasis on the structure and functioning of the human brain, including sensory pathways, the limbic system, and the organization of the cortical lobes.

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Modul E: Kognitive Psychologie und Arbeitspsychologie

Module E: Cognitive Psychology and Industrial Psychology (8 to 12 Credit Points)

Critical discussion of research findings, theories, and their applications in perception, attention, learning, memory, and decision making.

Modul F: Klinische Psychologie

Module F: Abnormal Psychology (8 to 12 Credit Points)

Neurobiological fundamentals and current developments in the etiology; diagnosis and treatment of psychological disorders; research methods in abnormal psychology; general principles of modern psychotherapy; advanced techniques in cognitive-behavior-therapy; understanding and critical discussion of psychotherapy research methods.

Modul G: Neurowissenschaftliche Psychologie

Module G: Neuroscientific Psychology (8 to 12 Credit Points)

Architecture and neuronal bases of conscious and unconscious processes in human and non-human animals; research methods in Comparative Psychology; quantitative and qualitative approaches to experiential and behavioural research including measurement and manipulation of brain activation.

Modul H: Projektmodul: Mitarbeit in aktuellen Forschungsvorhaben

Module H: Project Module: Assistance in Current Research Projects (8 Credit Points)

Application of experimental skills in practice; planning, running and analyzing psychological experiments under supervision; relating empirical results to the current scientific literature.