

Master of Science in Psychology

Module Descriptions

Modul A: Quantitative Forschungsmethoden und Evaluation

Module A: Quantitative Research Methods and Evaluation

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

- ◆ 12 Credit Points
- ◆ German
- ◆ person in charge: Prof. Dr. Bayen

Modul B: Psychologische Diagnostik

Module B: Psychological Assessment and Decision Making

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.

- ◆ 8 Credit Points
- ◆ German
- ◆ person in charge: Prof. Dr. Musch

Modul C: Kommunikation wissenschaftlicher Ergebnisse

Module C: Communication of Scientific Results

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

- ◆ 7 Credit Points
- ◆ German and English
- ◆ person in charge: Prof. Dr. Pietrowsky

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

Module D: Minor - Introduction to Neuroanatomy

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

- ◆ 8 Credit Points
- ◆ German
- ◆ person in charge: Prof. Dr. Rehkämper

Modul E: Kognitive Psychologie und Arbeitspsychologie

Module E: Cognitive Psychology and Industrial Psychology

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

- ◆ 8 to 12 Credit Points
- ◆ German
- ◆ person in charge: Prof. Dr. Heil

Modul F: Klinische Psychologie

Module F: Abnormal Psychology

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 theory; understanding and critical discussion of psychotherapy research methods.

- ◆ 8 to 12 Credit Points
- ◆ German
- ◆ person in charge: Prof. Dr. Pietrowsky

Modul G: Nurowissenschaftliche Psychologie

Module G: Neuroscientific Psychology

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 behavioral research including measurement and manipulation of brain activity.

- ◆ 8 to 12 Credit Points
- ◆ German and English
- ◆ person in charge: Prof. Dr. Stoerig

Modul H: Projektmodul - Mitarbeit in aktuellen Forschungsvorhaben

Module H: Project Module - Assistance in Current Research Projects

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

- ◆ 8 Credit Points
- ◆ German and English