

**Module description**

Module title	PSYCH-MA-PFM-14: Clinical Neuroscience
Subject	Clinical Psychology
Associated degree	Master of Science (M.Sc)
Module coordinator	Prof. Dr. G. Sammer Gebhard.Sammer@psychiat.med.uni-giessen.de
Frequency and duration	Winter and summer (2 semester course, 1.5h per week)
Language of instruction	German
Examination	Presentations, essay, report or test
ECTS	10 (for full 2 semester module; partial module = 5)
Prerequisites	none
Learning outcomes	<ul style="list-style-type: none"> • Knowledge of relevant neuroscience milestones, from molecular biology to macroscopic activation patterns • Knowledge of disorders affecting the brain and their interconnectedness • Knowledge and evaluation of methodologies • Competence in applying findings from the field of neuroscience to clinical situations
Module content	<ul style="list-style-type: none"> • Theories and findings concerning impaired and unimpaired brain function and plasticity • Clinical neuropsychology (clinical pictures, diagnostics, rehabilitation) • Methods of clinical neuroscience (imaging, laboratory, neurophysiological, and psychological methods)