

**Module description**

Module title	PSYCH-MA-GM-03: Visual Neuroscience
Subject	General Psychology
Associated degree	Master of Science (M.Sc.)
Module coordinator	Prof. Dr. Karl Gegenfurtner Karl.Gegenfurtner@psychol.uni-giessen.de
Frequency and duration	Winter and summer (2 semester course, 1.5h per week)
Language of instruction	German
Examination	Essay or presentation
ECTS	10 (for full 2 semester module; partial module = 5)
Prerequisites	none
Learning outcomes	Students learn the experimental psychology fundamentals of psychophysics and psychomotor abilities.
Module content	• Controlled presentation of visual stimuli, including light measurement techniques and virtual reality • Psychometric methods • Measuring and evaluating eye movements • Measuring and evaluating grasping movements and kinesiography