

**Module description**

<b>Module title</b>	PSYCH-MA-GM-01: Cognitive Neuroscience and Cognitive Psychology
<b>Subject</b>	General Psychology
<b>Associated degree</b>	Master of Science (M.Sc.)
<b>Module coordinator</b>	Prof. Dr. Markus Knauff Markus.Knauff@psychol.uni-giessen.de
<b>Frequency and duration</b>	Winter and summer (2 semester course, 1.5h per week)
<b>Language of instruction</b>	German
<b>Examination</b>	Essay or presentation
<b>ECTS</b>	10 (for full 2 semester module; partial module = 5)
<b>Prerequisites</b>	none
<b>Learning outcomes</b>	Students gain in-depth knowledge of contemporary concepts and findings in cognitive research, particularly in the areas of cognitive psychology and cognitive neuroscience. They learn to apply their knowledge of research findings and methods from the discipline to research questions and to make that knowledge useful for issues concerning the application of this scientific work. The module qualifies students for work in experimental psychological and neuroscience research and for work with organisations that make use of cognitive research findings and methods from experimental psychology and focus on work involving the connection between the brain and cognition.
<b>Module content</b>	<ul style="list-style-type: none"> <li>• Memory: remembering and forgetting</li> <li>• Knowledge and knowledge representation</li> <li>• Thinking, problem-solving, and rationality</li> <li>• Consciousness and language</li> <li>• Cognitive abilities and cognitive architectures</li> <li>• Philosophy of cognition</li> <li>• Modelling cognitive processes</li> </ul>