

Module title		Abbreviation
Developmental cognitive Neuroscience		03-TN-DCN-142-m01
Module coordinator		Module offered by
University Hospital, Department of Child and Adolescent Psychiatry, Psychosomatics and Psychotherapy		Faculty of Medicine
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>Main topics: normal cognitive development of learning and memory processes and its associated brain circuits including the hippocampus and the prefrontal cortex, abnormal cognitive development of learning and memory processes in the context of learning disabilities and behavioural disorders, normal language processing development and its associated brain regions/abnormal language development in the context of dyslexia, normal cognitive development of attention and its associated brain circuits including the prefrontal cortex, parietal regions and the striatum/abnormal brain development, normal development of 'theory of mind' and its associated brain regions/abnormal development in the context of autism, normal emotional development and its associated brain regions/abnormal development in the context of anxiety and depression.</p>		
Intended learning outcomes		
<p>Students who successfully completed this module will have acquired insights into the current scientific debate of normal and abnormal cognitive skills and brain development. Developmental changes of basic cognitive skills such as learning and memory, speech, attention, theory of mind and emotion processing will be addressed via behavioural and neuroscientific studies. Abnormal development will be explained in the context of the neuropsychiatric disorders learning disabilities, reading disabilities, attention-deficit/hyperactivity disorder, autism and anxiety/depression. The influences of genes, hormones and sex will be discussed.</p>		
Courses (type, number of weekly contact hours, language – if other than German)		
V + S + Ü (no information on SWS (weekly contact hours) and course language available)		
Method of assessment (type, scope, language – if other than German, examination offered – if not every semester, information on whether module is creditable for bonus)		
<p>methods of assessment: a) written examination (30 to 60 minutes, including multiple choice questions) or b) log (approx. 10 to 30 pages) or c) oral examination of one candidate each (30 to 60 minutes) or d) oral examination in groups of up to 3 candidates (approx. 30 to 60 minutes) or e) presentation (20 to 45 minutes); students will be informed about the method, length and scope of the assessment prior to the course</p>		
Allocation of places		
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Additional information		
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Workload		
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Teaching cycle		
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Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
keinem Studiengang zugeordnet		