

General Information			
Course name	Neuropsychology	ECTS Credits	5
		Semester	summer
Aims			
<p>The aim of the course is to acquaint students of psychology with the basic areas of neuropsychology. At the beginning, students will get familiar with basic information about the history of neuropsychology, its connection with other scientific disciplines, followed by sections devoted to brain plasticity and asymmetry. Emphasis in the coming weeks will be placed on psychological constructs (language, memory, emotions, attention, consciousness) and their neural representations, which will be taken in the context of psychological theories and the latest findings in the field of neurosciences.</p>			
Contents			
<p>Brief outline of the course: Definition of neuropsychology, neuropsychology in the system of sciences, history of neuropsychology. Review of anatomy and physiology of the brain. Neuron, synapsis, neurotransmitters. Brain plasticity, cortical dimorphism anatomical and gender differences. Perception and cognitive functions, agnosia. Neuropsychology of memory, memory disorders. Attention and ADHD syndrome. Language, speech and speech disorders. Movement disorders, practice and apraxia. Neuropsychology of emotions. Executive functions. Personality and psychosocial consequences of brain damage. Neuropsychological diagnostics.</p>			
Evaluation			
Semestral test - 40 points (Min - 20 points) Exam - 60 points test			
Bibliography			
<ol style="list-style-type: none"> 1. Bryan Kolb, Ian Q. Whishaw, Fundamentals of Human Neuropsychology 2. Eric R. Kandel et al. Principles of Neural Science, Fifth Edition 3. Bernard Baars, Fundamentals of Cognitive Neuroscience 4. Kulišťák, P.: Neuropsychologie. Grada, Praha, 1998. 5. Gazzaniga M. (ed.): The New Cognitive Neurosciences 5th ed. MIT Press. 2014 			