

SCHOOL OF EDUCATIONAL SCIENCES AND SOCIAL SCIENCES

DEPARTMENT OF PSYCHOLOGY AND SOCIAL WORK

(CIP file- Classification of instructional programmes)

Course unit title:	NEUROPSYCHOLOGY		
Course unit code:	NPSY301		
Type of course unit:	Required		
Level of course unit:	BSc Psychology		
Year of study:	3		
Semester when the unit is delivered:	Winter		
Number of ECTS credits allocated :	5		
Name of lecturer(s):	Dr Marios Kittenis		
Learning outcomes of the course unit:	<ol style="list-style-type: none"> 1. Explain the historical development of the science of neuropsychology 2. Describe the basic organization of the nervous system 3. Summarise the historical development of diagnostic nervous system testing methods 4. Explain the functional neuroanatomy of the human brain 5. Understand the neural basis of cognitive functions (e.g. memory, language, executive functions) and key related functions. 6. Describe the mechanisms involved in higher cognitive functions. 7. Explain how the organization of the brain affects mental activity. 8. Analyze the neuropsychology of higher cognitive functions such as language, emotion, knowledge and consciousness. 9. Understand the symptomatology produced by different types of brain damage. 		
Mode of delivery:	Lectures		
Prerequisites:	None	Co-requisites:	None
Course contents:	<p>Introduction - Historical development of Neuropsychology.</p> <p>The functional organization of the brain and mental activity.</p> <p>Methods for studying brain function.</p>		

	<p>Syndrome analysis and systematic organization of psychological processes. Interaction between the three main functional units of the brain.</p> <p>Synthetic mental activity and brain organization: perception, movement, action, attention, memory, speech, thought.</p> <p>Local brain lesions and detection of cognitive functions.</p> <p>Neuropsychological assessment, diagnosis and therapy.</p>
Recommended and/or required reading:	<ul style="list-style-type: none"> • Martin G.N., (2010). Neuropsychology: Brain and Behavior. • Code C, Wallesch CW, Joannette Y, Roch Lecours A (Eds). (2005) Classic cases in neuropsychology. Taylor & Francis.
Textbooks:	No specific textbook required
References:	<ul style="list-style-type: none"> • Darby D., Walsh K., (2007). Neuropsychology. • Johnstone B., Stonnington H.H., (2006). Cognitive rehabilitation of neuropsychological disorders. • Luria, A.P. (1999). Brain function. Introduction to Neuropsychology. • Kandel, E.R., Schwartz, J.H., & Jessell, T.M. (2011). Neuroscience and Behavior.
Planned learning activities and teaching methods:	Presentation with audiovisual material of classic cases in neuropsychology, followed by group discussions.
Assessment methods and criteria:	<p>Written assignment 40%</p> <p>Participation 10%</p> <p>Final exam 50%</p>
Language of instruction:	Greek
Work placement(s):	No