

## NEUROPSYCHOLOGICAL ASSESSMENT

### 1. GENERAL

<b>SCHOOL</b>	SCHOOL OF SOCIAL SCIENCES		
<b>ACADEMIC UNIT</b>	PSYCHOLOGY		
<b>LEVEL OF STUDIES</b>	Undergraduate		
<b>COURSE CODE</b>	PSY-4403	<b>SEMESTER</b>	6 <sup>th</sup>
<b>COURSE TITLE</b>	<b>NEUROPSYCHOLOGICAL ASSESSMENT</b>		
<b>COURSE INSTRUCTOR</b>	<b>Stella Giakoumaki</b> Associate Professor of Clinical Neuropsychology		
<b>INDEPENDENT TEACHING ACTIVITIES</b>	<b>WEEKLY TEACHING HOURS</b>	<b>ECTS CREDITS</b>	
Lectures, training in the administration/scoring of selected neuropsychological tasks, training in basic research procedures, introduction in the preparation of research papers	<b>3</b>	<b>6</b>	
<b>COURSE TYPE</b>	Skills development		
<b>PREREQUISITE COURSES:</b>	Methodology of scientific research in social sciences I		
<b>LANGUAGE OF INSTRUCTION and EXAMINATIONS:</b>	Greek		
<b>IS THE COURSE OFFERED TO ERASMUS STUDENTS</b>	NO		
<b>COURSE WEBSITE (URL)</b>	<a href="https://elearn.uoc.gr/course/view.php?id=978">https://elearn.uoc.gr/course/view.php?id=978</a> (Password required)		

### 2. LEARNING OUTCOMES

<b>Learning outcomes</b>
<p>The aim of the course is to introduce students in the design and completion of small scale studies in neuropsychology as well as with the writing of the research findings. Therefore, students are required to design and complete an original research project during which they will administer selected neuropsychological tasks, score the results, analyze the collected data and write a research paper.</p> <p>Upon successful completion of the course students are expected to be able to</p> <ul style="list-style-type: none"> <li>• Adequately review the literature of interest in order to design novel studies</li> <li>• Design a small scale study with healthy participants tested with selected neuropsychological tasks</li> <li>• Write a research paper with their study findings</li> </ul>
<b>General Competences</b>
<ul style="list-style-type: none"> <li>• Search for, analysis and synthesis of data and information, with the use of the necessary technology</li> <li>• Decision-making</li> </ul>

- Working independently
- Team work
- Production of new research ideas
- Respect for difference and multiculturalism
- Criticism and self-criticism
- Showing social, professional and ethical responsibility and sensitivity to gender issues
- Production of free, creative and inductive thinking

### 3. SYLLABUS

- Basic principles of scientific research
- Use of electronic databases
- Research design
- Conduction of experimental research
- Analysis and writing of the findings

### 4. TEACHING and LEARNING METHODS - EVALUATION

<b>DELIVERY</b>	Face-to-face		
<b>USE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY</b>	Lectures using ICT Communication with students and delivery of all course material via the e-learn platform		
<b>TEACHING METHODS</b>	<i>Activity</i>	<i>Semester workload</i>	<i>ECTS</i>
	Lectures	39	1,56
	Literature review	25	1
	Design and conduction of the study	50	2
	Writing a research paper	35	1,4
	Course total	<b>149</b>	<b>5,96</b>
	<b>STUDENT PERFORMANCE EVALUATION</b>	<p>Language of evaluation: Greek.</p> <p>I. Preparation of the research protocol (10%)            II. Writing the introduction and methodology of the study (20%)            III. Recruitment of participants and completion of testing (20%)            IV. Statistical analyses (10%)            V. Writing the results (10%)            VI. Final complete research paper (30%)</p> <p>The evaluation criteria are given during the first lecture of the course and are constantly accessible to students via the website of the course.</p>	

### 5. ATTACHED BIBLIOGRAPHY

- *Suggested bibliography:*

- Lezak, M.D. (2009). *Neuropsychological assessment* (Greek edition, Editors: L. Messinis, M. Kosmidis, P. Papathanasopoulos). Patras: Gotsis Publications
- Martin, G.N. (2011). *Human Neuropsychology* (Greek edition, Editor: H. Tsormpatsoudis). Athens: Ellin Publications
- Simos, P., & Komili A. (2003). *Research methods in psychology and cognitive neuroscience*. Athens: Papazisi Publications.
- Strauss, E., Sherman, E.M.S., & Spreen, O. (Eds.) (2006). *A compendium of neuropsychological tests*. New York, N.Y.: Oxford University Press.
- Darby D., Walsh K. (2007). *Walsh's Neuropsychology: A clinical approach* (Greek edition, Editors: N. Kalfakis & K. Potagas). Athens: Parisianou publications