NEUROPSYCHOLOGICAL ASSESSSMENT

1. GENERAL

SCHOOL	SCHOOL OF SOCIAL SCIENCES
ACADEMIC UNIT	PSYCHOLOGY
LEVEL OF STUDIES	Undergraduate

COURSE CODE	PSY-4403	**SEMESTER**	6th

COURSE TITLE	**NEUROPSYCHOLOGICAL ASSESSSMENT**
COURSE INSTRUCTOR	**Stella Giakoumaki** Professor of Clinical Neuropsychology

INDEPENDENT TEACHING ACTIVITIES	WEEKLY TEACHING HOURS	ECTS CREDITS
Lectures, training in the administration/scoring of selected neuropsychological tasks, training in basic research procedures, introduction in the preparation of research papers	3	6

COURSE TYPE	Skills development
PREREQUISITE COURSES:	Methodology of scientific research in social sciences I
LANGUAGE OF INSTRUCTION and EXAMINATIONS:	Greek
IS THE COURSE OFFERED TO ERASMUS STUDENTS	NO
COURSE WEBSITE (URL)	https://elearn.uoc.gr/course/view.php?id=978 (Password required)

2. LEARNING OUTCOMES

Learning outcomes

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.

Upon successful completion of the course students are expected to be able to

- Adequately review the literature of interest in order to design novel studies

- Design a small scale study with healthy participants tested with selected neuropsychological tasks

- Write a research paper with their study findings

General Competences

- Search for, analysis and synthesis of data and information, with the use of the necessary technology

- Decision-making

- 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

DELIVERY	Face-to-face
USE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY	Lectures using ICT Communication with students and delivery of all course material via the e-learn platform
TEACHING METHODS	*(see table below)*

Activity	Semester workload	ECTS
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	*149*	*5,96*

STUDENT PERFORMANCE EVALUATION	Language of evaluation: Greek. 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%) The evaluation criteria are given during the first lecture of the course and are constantly accessible to students via the website of the course.

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