COURSE OUTLINE

1. GENERAL

SCHOOL	SCHOOL OF SOCIAL SCIENCES		
ACADEMIC UNIT	PSYCHOLOGY		
LEVEL OF STUDIES	Undergraduate		
COURSE CODE	Ψ3413	**SEMESTER**	5th
COURSE TITLE	NEUROPSYHOLOGY OF NEUROPSYCHIATRIC DISORDERS		
COURSE INSTRUCTOR	CHRYSOULA ZOURARAKI Adjunct Professor Neuropsychology		
INDEPENDENT TEACHING ACTIVITIES	**WEEKLY TEACHING HOURS**		**CREDITS**
Lectures, presentations of research papers by the students	**3**		**6**
COURSE TYPE	Skills development (Seminar)		
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=3148 (Password required)		

2. LEARNING OUTCOMES

Learning outcomes
The aim of the course is the review and analysis of the symptomatology, neurobiological substrate and neuropsychological deficits in major neuropsychiatric disorders, such as dementia, major depression, anxiety disorders, substance abuse, vascular disorders, demyelinating disorders, neuroendocrine disorders. Upon successful completion of the course, students are expected to have acquired an in depth understanding of the • basic concepts and principles of neuropsychological assessment and the most commonly used neuropsychological tests • the pathophysiology and neuropsychological deficits of these disorders
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

Table of contents

Lecture 1.	Basic principles of neuropsychological assessment and cognitive rehabilitation. Introduction to writing a narrative review.
Lecture 2.	Assessment methods of neuropsychological functions. Neuropsychological deficits in major depression and anxiety disorders
Lecture 3.	Neuropsychological deficits in substance abuse, vascular disorders, demyelinating disorders, neuroendocrine disorders.
Lecture 4.	Presentation of research articles and discussion.
Lecture 5.	Presentation of research articles and discussion.
Lecture 6.	Presentation of research articles and discussion.
Lecture 7.	Presentation of research articles and discussion.
Lecture 8.	Presentation of research articles and discussion.
Lecture 9.	Presentation of research articles and discussion.
Lecture 10.	Presentation of research articles and discussion.
Lecture 11.	Presentation of research articles and discussion.
Lecture 12.	Presentation of research articles and discussion.
Lecture 13.	Revision lecture, summarization of the main topics covered during the semester.

4. TEACHING and LEARNING METHODS - EVALUATION

DELIVERY	Face-to-face
USE OF INFORMATION AND COMMUNICATIONS	Lectures using ICT Presentations of case studies

	Activity	Semester workload	ECTS
TECHNOLOGY	Communication with students and delivery of all course material via the e-learn platform		
TEACHING METHODS	*Activity*	*Semester workload*	*ECTS*
	Lectures	39	1,56
	Literature review	35	1,4
	Preparation of presentations	30	1,2
	Writing a narrative review on selected topic	50	2
	Course total	*154*	*6.16*
STUDENT PERFORMANCE EVALUATION	I. Presentation of two published research papers (30%) II. Narrative review paper submitted during the exams period (60%) III. Participation in the discussion of the research papers presented weekly (10%) The evaluation criteria are provided during the first lecture of the course and are constantly accessible to the students via the website of the course.		

5. ATTACHED BIBLIOGRAPHY

- Suggested bibliography:

- Grant, I., & Adams K. (Eds) (2009). *Neuropsychological Assessment of Neuropsychiatric and Neuromedical Disorders* (3rd ed.). Oxford University Press.

- Hedges, D., Farrer, T.J., Bigler, E.D., & Hopkins, R.O. (Eds) (2019). *The Brain at Risk: Associations between Disease and Cognition* (1st ed.). Springer.

- Deutsch Lezak, M., Howieson, D.B., Bigler, E.D., & Tranel, D. (Eds) (2012). *Neuropsychological Assessment* (5th ed.). Oxford University Press.

Related academic journals:

- Neuropsychology
- Journal of Neuropsychology
- Archives of Clinical Neuropsychology
- Neuropsychologia
- Clinical Neuropsychologist