

COURSE OUTLINE

1. GENERAL

SCHOOL	SCHOOL OF SOCIAL SCIENCES		
ACADEMIC UNIT	PSYCHOLOGY		
LEVEL OF STUDIES	Undergraduate		
COURSE CODE	Ψ4404	SEMESTER	6 th
COURSE TITLE	NEUROPSYCHOLOGICAL ASSESSMENT OF DEMENTIA		
COURSE INSTRUCTOR	CHRYSOULA ZOURARAKI Adjunct Professor Neuropsychology		
INDEPENDENT TEACHING ACTIVITIES	WEEKLY TEACHING HOURS	CREDITS	
Lectures, case studies, administration and scoring of neuropsychological tasks	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=2778 (password required)		

2. LEARNING OUTCOMES

Learning outcomes
<p>The aim of the course is (a) the study of dementia, (b) the study of the basic concepts and principles of neuropsychological assessment, (c) training in the administration and scoring of neuropsychological tasks for the assessment of cognitive decline in older individuals and comparisons with normative data, (d) training in the administration and scoring of scales for the assessment of depression, anxiety and functionality of older individuals, (e) training in neuropsychological report writing.</p> <p>Upon successful completion of the course students are expected</p> <ul style="list-style-type: none"> • To have acquired the theoretical background of cognitive deficits in older individuals in the dementia spectrum. • To have sufficient training in the administration and scoring of related neuropsychological tasks and scales for the assessment of depression, anxiety and functionality. • To be able to interpret and present efficiently the results of the assessment
General Competences
<ul style="list-style-type: none"> • 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.	Introduction to the theoretical background of dementia (definition, symptoms, dementia stages, common forms of dementia, cognitive deficits of memory, executive functions, attention, visuospatial and constructional abilities, speed of information processing, global cognitive functioning, language).
Lecture 2.	Introduction to neuropsychological assessment (definition, principles, selection, administration, scoring and interpretation of neuropsychological tests).
Lecture 3.	Training in the administration and scoring of neuropsychological tasks - Mini-Mental State Examination & Montreal Cognitive Assessment
Lecture 4.	Training in the administration and scoring of neuropsychological tasks – Visuo-spatial and visuo-constructional abilities (Modified Taylor Complex Figure Test & Clock Drawing Test)
Lecture 5.	Training in the administration and scoring of neuropsychological tasks – Memory (Rey Auditory Verbal Learning Test & Digit Span WAIS)
Lecture 6.	Training in the administration and scoring of neuropsychological tasks- Executive functions, psychomotor speed & attention (Trail Making Test, Digit Symbol Coding Test WAIS)
Lecture 7.	Training in the administration and scoring of neuropsychological tasks- Executive functions, psychomotor speed & attention (Wisconsin Card Sorting Test-WCST, Stroop Colour Word Test)
Lecture 8.	Training in the administration and scoring of neuropsychological tasks- Executive functions, psychomotor speed & attention (Raven progressive matrices- Ruff 2 & 7)
Lecture 9.	Training in the administration and scoring of neuropsychological tasks- Language (Controlled Oral Word Association Test).
Lecture 10.	Training in the administration and scoring of scales for the assessment of depression, anxiety and functionality of older individuals (GDS-SAST-BAI-BDI-FRSSD)-psychosocial and clinical history assessment.
Lecture 11.	Clinical report writing and interpretation of findings I.
Lecture 12.	Clinical report writing and interpretation of findings II.
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 TECHNOLOGY	Lectures using ICT Presentations of case studies Communication with students and delivery of all course material via the e-learn platform		
TEACHING METHODS	Activity	Semester workload	ECTS
	Lectures/Practice in the administration and scoring of the tasks in groups	39	1,56
	Individual practice in the administration and scoring of the tasks	45	1,8
	Administration and scoring of the tasks and preparation of one clinical report	40	1,6
	Personal study	30	1,2
	Course total	154	6,16
	STUDENT PERFORMANCE EVALUATION	I. Administration/scoring of the tasks and preparation of one clinical report (100%) The evaluation criteria are given before the first lecture of the course and are constantly accessible to students via the website of the course.	

5. ATTACHED BIBLIOGRAPHY

- Suggested bibliography:

Budson, A. E. & Kowall, N. W., (Eds.). (2011). *The handbook of Alzheimer's disease and other dementias*. John Wiley & Sons.

Hebben, N., Milberg, W. (2002). *Essentials of neuropsychological assessment*. Wiley.

Lezak, M.D. (2009). *Νευροψυχολογική εκτίμηση* (Επιμέλεια Ελληνικής Έκδοσης: Λ. Μεσσήνης, Μ. Κοσμίδου, Π. Παναθανασόπουλος, Τόμοι I & II). Πάτρα: Εκδόσεις Gotsis.

Maj, M., & Sartorius N. (Eds.). (2002). *Dementia* (2nd ed.). John Wiley & Sons.

Strauss, E., Sherman, E.M.S., Spreen, O. (Eds.) (2006). *A compendium of neuropsychological tests* (3rd ed.). Oxford University Press.

Related academic journals:

- Neuropsychologia
- Neuropsychology
- Dementia & Neuropsychologia
- Dementia and Geriatric Cognitive Disorders
- Dementia SAGE
- Alzheimer's & Dementia Elsevier