COURSE OUTLINE

1. GENERAL

SCHOOL	SOCIAL SCIENCES		
DEPARTMENT	PSYCHOLOGY		
LEVEL	UNDERGRADUATE		
COURSE CODE:	**ΨΧ-3312**	**SEMESTER**	5th
COURSE TITLE:	**Neuropsychological assessment I: Clinical applications**		

ΑΥΤΟΤΕΛΕΙΣ ΔΙΔΑΚΤΙΚΕΣ ΔΡΑΣΤΗΡΙΟΤΗΤΕΣ	**WEEKLY HOURS**	**ECTS**
Lectures, Training in (a) administration and scoring of neuropsychological tasks, (b) comparison of recorded performance with normative data and (c) writing the report with the findings of the assessment.	3	6

COURSE TYPE:	Skills Development (Laboratory)
PREREQUISITES COURSES::	Research Methods in Social Sciences I, Statistics I
INSTRUCTION/EXAM LANGUAGE:	Greek
OFFERED TO ERASMUS STUDENTS	NO
COURSE WEB PAGE (URL)	https://elearn.uoc.gr/course/view.php?id=6047 (password required)

2. LEARNING OUTCOMES

Learning Outcomes

The course is an introduction to clinical neuropsychological assessment and aims to introduce students to (a) the administration and scoring of widely administered neuropsychological tasks, (b) the comparison of recorded performance with normative data with different approaches and (c) writing the report for presenting the findings of the assessment. The course is based on the basic principles of clinical neuropsychological assessment, part of which is taught in Neuropsychology (compulsory course), thus allowing students to further delve into the topic and supplement the knowledge acquired via the compulsory course.

Upon successful completion of the course, students are expected to have:

- Been trained in the administration and scoring of specific neuropsychological tasks
- Been trained in different approaches for comparing the recorded performance with normative data
- Been trained in writing the report with the findings of the assessment
- Considered the ethical aspects and the applications of clinical neuropsychological assessment

General Competences

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

- Team-work.
- Working independently.
- Project planning and management
- Working in an inter-disciplinary environment.
- Respect for diversity and multiculturalism.
- Social, professional and ethical sensitivity and responsibility for gender related issues.
- Criticism and self-criticism Decision making.
- Production of free, creative and inductive thinking.

3. COURSE CONTENT

The course's content is linked to the 5 main axes of the curriculum:

Scientific Foundations [1], Scientific Research and Critical Thinking [2], Ethical and Social Responsibility [3], Communication Ability [4], Basic Preparation for Career Decisions and Vocational Rehabilitation [5].

1st Week: Introduction in the course, formulation of students' working groups [1, 2, 3, 5]

2nd Week: Introduction in clinical neuropsychological assessment [1, 2, 3]

3rd Week: Report writing for the presentation of the findings following assessment – Example and elaboration into the course-assessment report [1, 2, 3, 4]

4th Week: Report writing for the presentation of the findings following assessment – Example and elaboration into the course-assessment report [1, 2, 3, 4]

5th - 12th Week: Training in the administration and scoring of the Hooper Visual Organization test, Modified Taylor Complex Figure test, Rey Auditory Verbal Learning test, Ruff 2 & 7 test, Trail Making test, Stroop test, Verbal & Category fluency test και Boston Naming test and comparison of recorded performance with normative data [1, 2]

13th Week: Feedback, answering questions about the course and the course-assessment report [2, 3, 4, 5]

4. INSTRUCTIONAL and LEARNING METHODS - EVALUATION

INSTRUCTION METHOD.	In class (face-to-face).
INFORMATION AND COMMUNICATION TECHNOLOGIES USED	Use of ICT in teaching and communication with students. Support for learning via the UoC e-learn online platform (e-learn)
TEACHING ORGANIZATION	

Activity	***Semester workload (hours)***	***ECTS***
Lectures	39	1.56
Independent study	30	1.20
Study in groups / Students' collaboration	40	1.60
Course-assessment report	41	1.64
Total	***150***	***6.00***

STUDENT EVALUATION	-Course-assessment report (80%). -Participation in the weekly discussion during teaching (20%). The evaluation criteria are presented during the 1st lecture of the semester. All criteria are available to the students via the web-site of course on UoC e-learn platform.

5. BIBLIOGRAPHY

Lezak, M.D., Howieson, D.B., & Loring, D.W. (2012). Neuropsychological assessment, Oxfornd University Press.

Brown, G.G., King, Z.T., Haaland, Y.K., & Crosson, B. (2022). APA Handbook of Neuropsychology: Volume 2, Neuroscience and Neuromethods. American Psychological Association

Parsons, M.W., & Braun, M.M. (2024). Clinical Neuropsychology: A Pocket Handbook for Assessment. American Psychological Association.

Mondini, S., Cappelletti, M., & Arcara G. (2022). Methodology in Neuropsychological Assessment. Routledge.

Sherman, E., Tan, J., & Hrabok, M. (2021). A Compendium of Neuropsychological Tests: Fundamentals of Neuropsychological Assessment and Test Reviews for Clinical Practice. Oxford University Press.

Selected papers published in:

Neuropsychology Review

Neuropsychology

Journal of Neuropsychology

Journal of the International Neuropsychological Society

Archives of Clinical Neuropsychology