

CLINICAL NEUROPSYCHOLOGY

(1) GENERAL

SCHOOL	HEALTH SCIENCES		
ACADEMIC UNIT	SPEECH LANGUAGE THERAPY		
LEVEL OF STUDIES	Graduate Program (LEVEL 6)		
COURSE CODE	slt -76	SEMESTER	7
COURSE TITLE	Clinical Neuropsychology		
INDEPENDENT TEACHING ACTIVITIES <i>if credits are awarded for separate components of the course, e.g. lectures, laboratory exercises, etc. If the credits are awarded for the whole of the course, give the weekly teaching hours and the total credits</i>	WEEKLY TEACHING HOURS	CREDITS	
Lectures	2	4	
COURSE TYPE <i>general background, special background, specialised general knowledge, skills development</i>	Specialised General Knowledge		
PREREQUISITE COURSES:			
LANGUAGE OF INSTRUCTION and EXAMINATIONS:	Greek		
IS THE COURSE OFFERED TO ERASMUS STUDENTS	No		
COURSE WEBSITE (URL)	https://moodle.ioa.teiep.gr/course/index.php?categoryid=11		

(2) LEARNING OUTCOMES

<p>Learning outcomes <i>The course learning outcomes, specific knowledge, skills and competences of an appropriate level, which the students will acquire with the successful completion of the course are described.</i></p> <p><i>Consult Appendix A</i></p> <ul style="list-style-type: none"> • <i>Description of the level of learning outcomes for each qualifications cycle, according to the Qualifications Framework of the European Higher Education Area</i> • <i>Descriptors for Levels 6, 7 & 8 of the European Qualifications Framework for Lifelong Learning and Appendix B</i> • <i>Guidelines for writing Learning Outcomes</i> <p>The course is a specialised general knowledge course in the field of Clinical Neuropsychology. It is an introduction to brain organization, with emphasis on the structure of the Central Nervous System and the study of subjective experiences and the relationship between brain and behavior. The consequences of brain damage on the cognitive functions, emotion, behavior and personality of the patient are analyzed. It studies the evaluation and rehabilitation in clinical neuropsychology with an emphasis on behavioral and communication disorders. It proposes basic arrays of neuropsychological assessment of cognitive functions. The role of the speech therapist is analyzed in an interdisciplinary team where a speech therapist is to work mainly in neurological contexts.</p> <p>Upon successful completion of the course the student will be able to:</p> <ul style="list-style-type: none"> • Know the relationship between brain and behavior (normal and divergent) and related communication disorders (Levels 1 & 2: Knowledge & Understanding) • Know the basic tests for the diagnosis of brain damage or malfunction (Levels 1 & 2: Knowledge & Understanding)

- Interpret the results of a neuropsychological report (Levels 1, 2, 4: Knowledge, Comprehension & Analysis)
- Apply elementary techniques of rehabilitation of attention, memory, communication, executive functions and awareness (Levels 3, 4, 5, 6: Implementation, Analysis, Composition & Evaluation)

General Competences

Taking into consideration the general competences that the degree-holder must acquire (as these appear in the Diploma Supplement and appear below), at which of the following does the course aim?

<i>Search for, analysis and synthesis of data and information, with the use of the necessary technology</i>	<i>Project planning and management</i>
<i>Adapting to new situations</i>	<i>Respect for difference and multiculturalism</i>
<i>Decision-making</i>	<i>Respect for the natural environment</i>
<i>Working independently</i>	<i>Showing social, professional and ethical responsibility and sensitivity to gender issues</i>
<i>Team work</i>	<i>Criticism and self-criticism</i>
<i>Working in an international environment</i>	<i>Production of free, creative and inductive thinking</i>
<i>Working in an interdisciplinary environment</i>
<i>Production of new research ideas</i>	<i>Others...</i>

- *Search for, analysis and synthesis of data and information, with the use of the necessary technology*
- *Adapting to new situations*
- *Decision-making*
- *Working in an interdisciplinary environment*
- *Production of free, creative and inductive thinking*

(3) SYLLABUS

1. Definition and object of the scientific field of Neuropsychology
2. The neurobiological basis of behavior
3. Organization of the human brain (lobes, hemispheres)
4. The function of memory
5. The function of perception
6. The function of attention
7. Managing attention disorders
8. The process of learning
9. Neuropsychological deficits in a variety of neuropsychiatric disorders
10. Basic principles of neuropsychological evaluation
11. Objectives and methods of a neuropsychological assessment
12. Cognitive methods of therapeutic intervention and mechanisms of rehabilitation of patients with neuropsychological dysfunctions
13. Rehabilitation techniques in attention, memory, communication, executive functions and awareness

(4) TEACHING and LEARNING METHODS - EVALUATION

DELIVERY	
<i>Face-to-face, Distance learning, etc.</i>	Face to face & online educational material

<p style="text-align: center;">USE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY <i>Use of ICT in teaching, laboratory education, communication with students</i></p>	<p>Powerpoint use for presentations of the course Support Learning Process via the electronic moodle platform with electronic educational material.</p>	
<p style="text-align: center;">TEACHING METHODS</p> <p><i>The manner and methods of teaching are described in detail.</i></p> <p><i>Lectures, seminars, laboratory practice, fieldwork, study and analysis of bibliography, tutorials, placements, clinical practice, art workshop, interactive teaching, educational visits, project, essay writing, artistic creativity, etc.</i></p> <p><i>The student's study hours for each learning activity are given as well as the hours of non-directed study according to the principles of the ECTS</i></p>	Activity	Semester workload
	Lectures	26
	Individual Study	74
	Course total	100
<p style="text-align: center;">STUDENT PERFORMANCE EVALUATION</p> <p><i>Description of the evaluation procedure</i></p> <p><i>Language of evaluation, methods of evaluation, summative or conclusive, multiple choice questionnaires, short-answer questions, open-ended questions, problem solving, written work, essay/report, oral examination, public presentation, laboratory work, clinical examination of patient, art interpretation, other</i></p> <p><i>Specifically-defined evaluation criteria are given, and if and where they are accessible to students.</i></p>	<p>Written final exam (100%):</p> <ul style="list-style-type: none"> • Multiple choice questions • Short answer questions • Open-ended questions <p>The final exams will be offered in Greek</p>	

(5) ATTACHED BIBLIOGRAPHY

<p>- <i>Suggested bibliography:</i></p> <ol style="list-style-type: none"> 1. Lezak, M.D. (2012). <i>Νευροψυχολογική εκτίμηση</i>. (Επιμ.: Λ. Μεσσήνης, Μ. Κοσμίδου, Π. Παπαθανασόπουλος). Gotsis, Πάτρα. 2. Liubov, S.T. (2007) <i>Εισαγωγή στη νευροψυχολογία και την αποκαταστασιακή εκπαίδευση</i>. Πασχαλίδης, Αθήνα. 3. Kolb, B., & Whishaw, I. (2018). <i>Βασικές αρχές νευροψυχολογίας του ανθρώπου</i>. (Επιμ.: Σ. Γιακουμάκη, & Α. Καστελλάκης) Gutenberg, Αθήνα. [Προτεινόμενο Σύγγραμμα] 4. Κοσμίδου, Μ. (2008). <i>Κλινική νευροψυχολογική εκτίμηση</i>. Παρισιάνου, Αθήνα. [Προτεινόμενο Σύγγραμμα] 5. Σπανός, Γ. (2003). <i>Εισαγωγή στην Κλινική Νευροψυχολογία</i>. Λίτσας, Αθήνα. <p>- <i>Related academic journals:</i></p> <ul style="list-style-type: none"> • Journal of Neuropsychology • Archives of Clinical Neuropsychology • Journal of Clinical and Experimental Neuropsychology • Journal of Cognitive Neuropsychology
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