



UNIVERSITÀ DEGLI STUDI DI PALERMO

DEPARTMENT	Scienze Psicologiche, Pedagogiche, dell'Esercizio Fisico e della Formazione
ACADEMIC YEAR	2022/2023
MASTER'S DEGREE (MSC)	CLINICAL PSYCHOLOGY
SUBJECT	THEORETICAL AND APPLIED NEUROPSYCHOLOGY
TYPE OF EDUCATIONAL ACTIVITY	B
AMBIT	50474-Psicologia generale e fisiologica
CODE	13223
SCIENTIFIC SECTOR(S)	M-PSI/02
HEAD PROFESSOR(S)	TURRIZIANI PATRIZIA Professore Ordinario Univ. di PALERMO
OTHER PROFESSOR(S)	
CREDITS	9
INDIVIDUAL STUDY (Hrs)	165
COURSE ACTIVITY (Hrs)	60
PROPAEDEUTICAL SUBJECTS	
MUTUALIZATION	
YEAR	1
TERM (SEMESTER)	1° semester
ATTENDANCE	Not mandatory
EVALUATION	Out of 30
TEACHER OFFICE HOURS	TURRIZIANI PATRIZIA Tuesday 9:30 11:30 Edificio 15, 5° piano, stanza 012

DOCENTE: Prof.ssa PATRIZIA TURRIZIANI

PREREQUISITES	To understand the contents and achieve the course's learning objectives, the student must master basic knowledge in the field of Neuropsychology like aphasia, amnesia, apraxia, agnosia and frontal syndrome.
LEARNING OUTCOMES	<p>Knowledge and understanding The course aims to teach students the theoretical assumptions and clinical application of neuropsychology. In particular, language, memory, perception and executive functions will be introduced. In addition, the primary neuropsychological syndromes of aphasia, amnesia, apraxia, agnosia and frontal lobe syndrome will be evaluated.</p> <p>Applying knowledge and understanding On completion of the course, the student will have learnt the main theoretical and methodological approaches adopted in neuropsychology. In addition, they will also learn the main clinical applications of neuropsychology.</p> <p>Making judgements Upon completion of the course, the student will have acquired knowledge of clinical and theoretical aspects of neuropsychology and will have further knowledge of the understanding of the neuro-basis on cognitive processes.</p> <p>Communication Upon completion of the course, the student will have learned to describe the main theories and the clinical applications of neuropsychology.</p> <p>Lifelong Learning Skills Upon completing the course, the student will have learned how to analyse the main problems affecting patients with brain damage and apply neuropsychological methods and investigations of cognitive functions.</p>
ASSESSMENT METHODS	<p>The student's assessment involves a written intermediate test during the suspension of the didactic activity, and an oral examination.</p> <p>The written test consists of 30 multiple-choice questions. The questions tend to test the skills and knowledge about the discipline of the course, consisting of a series of questions, or closed stimuli, each of which is accompanied by 4 closed answers. Examiner skills and knowledge are not tested through a self-processing of answers to questions, but by choosing the responses or answers considered to be exact between those offered to each question. The closure of the stimulus and the solution allows for determining a priori, i.e. at the time of the test's construction. Therefore, before it is administered, the score to be assigned to each question depends on whether the answer is correct, wrong, or omitted. The student passes the test if he answers correctly to 18/30 questions. The rating is expressed in thirty.</p> <p>Oral examination. It will consist of an interview to ascertain the student's skills and subject knowledge. The candidate will have to answer at least two/three oral questions dealing with all contents covered by the program concerning the recommended textbooks. The final assessment aims to evaluate whether the student has achieved a good knowledge and understanding of the subject's topics and the capacity to establish connections among different topics and issues of the program. The questions will deal with the contents provided in the textbooks and the slides provided during the course. The pass mark will be achieved if the student shows good knowledge and understanding of the subjects, at least in general terms. In addition, it will report minimal application knowledge regarding the presentation of case studies. Moreover, the students must express the subject's contents adequately, with scientific and technical language. Below this threshold, the examination will be insufficient. Grades are expressed in thirtieths. The final score is expressed in the thirty through the evaluation average obtained in the written test and the oral examination.</p> <p>The final assessment will also consider the bibliographic material in English provided by the teacher.</p> <p>Erasmus incoming students can study from the English bibliography and take the final exam in English.</p>
EDUCATIONAL OBJECTIVES	<p>The course will discuss the main methods of neuropsychological investigation and the main clinical and theoretical evidence for the study of cerebral functions. This goal is consistent with the aims of the master's program, as affirmed in section A4.a of the SUA model, which encompasses the purposes of the master's degree in the knowledge of the main theories of normal psychological functioning and pathological cognitive functioning.</p> <p>These objectives are consistent with the goals of the master's program reported in section A2.a of the SUA provides that the role of the clinical psychologist should include skills related to reorganizing mental functioning with attention to the psychobiological, neuropsychological and psychosomatic correlates of behavior.</p>

TEACHING METHODS	Frontal lessons, experimental training in the lab.
SUGGESTED BIBLIOGRAPHY	<p>Ultima edizione del materiale bibliografico consigliato nella scheda di trasparenza</p> <ul style="list-style-type: none"> • E. Ladavas, A. Berti - Neuropsicologia - il Mulino, 2020, ISBN:9788815284921 • G. Vallar, C. Papagno (a cura di) - Manuale di neuropsicologia clinica. Clinica e elementi di riabilitazione - il Mulino, 2018, ISBN: 9788815278708 <p>S. Vicari, S. Di Vara, A. Milone. Profili cognitivi e disturbi psicopatologici. Evidenze neurobiologiche, diagnosi, trattamento. Erickson, 2018, ISBN: 9788859014898</p> <p>Durante il corso verranno forniti articoli tratti da riviste scientifiche internazionali in lingua inglese Articles taken from international scientific journals in English will be provided</p>

SYLLABUS

Hrs	Frontal teaching
10	Metodi di indagine in neuropsicologia
6	Afasia
4	Dyslexia and dyscalculia
4	amnesia
4	Neglect
4	Agnosia
4	Apraxia
4	Emotions
4	Frontal syndrome
6	Dementia
4	Neuropsychological profiles of psychopathological disorders
Hrs	Practice
6	Clinical cases discussion, experimental training in lab