



UNIVERSITÀ DEGLI STUDI DI PALERMO

DEPARTMENT	Scienze Psicologiche, Pedagogiche, dell'Esercizio Fisico e della Formazione
ACADEMIC YEAR	2024/2025
MASTER'S DEGREE (MSC)	CLINICAL PSYCHOLOGY
SUBJECT	BEHAVIOURAL NEUROLOGY
TYPE OF EDUCATIONAL ACTIVITY	D
AMBIT	20670-A scelta dello studente
CODE	19723
SCIENTIFIC SECTOR(S)	M-PSI/02
HEAD PROFESSOR(S)	OLIVERI MASSIMILIANO Professore Ordinario Univ. di PALERMO
OTHER PROFESSOR(S)	
CREDITS	5
INDIVIDUAL STUDY (Hrs)	92
COURSE ACTIVITY (Hrs)	33
PROPAEDEUTICAL SUBJECTS	
MUTUALIZATION	
YEAR	2
TERM (SEMESTER)	2° semester
ATTENDANCE	Not mandatory
EVALUATION	Out of 30
TEACHER OFFICE HOURS	OLIVERI MASSIMILIANO Friday 10:00 12:00 Stanza TEAMS con codice alx3rb

DOCENTE: Prof. MASSIMILIANO OLIVERI

PREREQUISITES	Prior successful examinations in Physiological Psychology and Cognitive Neuroscience
LEARNING OUTCOMES	Development of knowledge on theoretical foundations of behavioral neurology. To be able to apply this knowledge on patients with mental disorders. Development of skills in describing cognitive and behavioral disorders. Development of language skills typical of behavioral neurology. Integration of methodologies of behavioral neurology and clinical psychology.
ASSESSMENT METHODS	written test (30 questions on clinical cases): 1 point per correct response. This kind of examination allows to test not only knowledge and comprehension of all topics of behavioral neurology, but also to apply these abilities to address clinical cases, by integrating basic knowledge of clinical psychology with neuropsychology. To obtain a score of 28-30/30, the student will have to correctly address 28-30/30 of the clinical cases presented, showing to have reached in an excellent way the objectives. To obtain a score of 27-25/30, the student will have to correctly address 27-25/30 of the clinical cases presented, showing to have reached in a good way the objectives. To obtain a score of 24-22/30, the student will have to correctly address 24-22/30 of the clinical cases presented, showing to have reached in a discreet way the objectives. To obtain a score of 21-18/30, the student will have to correctly address 21-18/30 of the clinical cases presented, showing to have reached in a sufficient way the objectives. The final assessment will also take into consideration the bibliographic material in English provided by the teacher. Erasmus incoming students can study from English bibliography and take the final exam in English. Compensatory tools and dispensatory measures will be guaranteed by the Disability and Neurodiversity Center - University of Palermo (Ce.N.Dis.) to students with disabilities and neurodiversity, based on specific needs and in implementation of current legislation.
EDUCATIONAL OBJECTIVES	Development of knowledge for interpreting all behavioral disorders in neurological terms. This knowledge is related to specific aims of the course, such as the development of competencies for clinical psychology, in particular the ability to make neuropsychological evaluation, diagnosis and neurorehabilitative interventions.
TEACHING METHODS	frontal lessons and lab training
SUGGESTED BIBLIOGRAPHY	L'eta' dell'inconscio; Eric R. Kandel, Raffaello Cortina Editore ISBN9788860308405 Durante il corso verranno forniti articoli tratti da riviste scientifiche internazionali in lingua inglese SUGGESTED BIBLIOGRAPHY: Articles taken from international scientific journals in English will be provided

SYLLABUS

Hrs	Frontal teaching
6	analysing behavioral disorders as alterations of neural excitability
4	Frontal syndromes
2	Epilepsy and behavioral disorders
8	Neural correlates of psychiatric syndromes

Hrs	Practice
4	Behavioral disorders in dementia
6	Non-invasive brain stimulation methods
3	Lab training on non invasive brain stimulation methods