



UNIVERSITÀ DEGLI STUDI DI PALERMO

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| DEPARTMENT | Scienze Psicologiche, Pedagogiche, dell'Esercizio Fisico e della Formazione |
| ACADEMIC YEAR | 2019/2020 |
| 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 | 6 |
| INDIVIDUAL STUDY (Hrs) | 110 |
| COURSE ACTIVITY (Hrs) | 40 |
| 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

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| 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 30/30, the student will have to correctly address all clinical cases presented, showing to have reached in an excellent way the objectives. |
| 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 | Principles of Behavioral and Cognitive Neurology di Mesulam, Oxford University Press. L'eta' dell'inconscio; Eric R. Kandel, Raffaello Cortina Editore |

SYLLABUS

| Hrs | Frontal teaching |
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| 10 | analysing behavioral disorders as alterations of neural excitability |
| 6 | Frontal syndromes |
| 4 | Epilepsy and behavioral disorders |
| 8 | Neural correlates of psychiatric syndromes |

| Hrs | Practice |
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| 4 | Behavioral disorders in dementia |
| 6 | Non-invasive brain stimulation methods |
| 2 | Lab training on non invasive brain stimulation methods |