UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

SYLLABUS DEL CORSO

Neuropsychology and Dementias: entry course

2425-122R-19

Aims

Knowledge improvement on the neural bases and the cognitive architecture of the main neuropsychological functions as well as on the specific neuropsychological deficits arising from the main neurological diseases, with particular reference to dementia
The course will be delivered in Italian

Contents

The course will illustrate the neural bases, the functional mechanisms and the clinical and neuropsychological characteristics of the main cognitive disorders which follow focal or diffuse cerebral lesions; particular emphasis will be placed on the diagnostic correlations with the more frequent and important neurological disorders.

Detailed program

Teaching Program:

- Foundations of neuropsychology
- Neurosciences of cognitive aging
- The neuropsychological evaluation
- Cognitive reserve and dementia as a syndrome
- Memory and non degenerative amnesias
- Alzheimer's disease and mimics (LATE)
- Executive functions, behavioral Fronto-Temporal Dementia, ALS and CTE
- Focal and progressive Aphasias

- Lewy body dementia
- Acquired Dyscaculias and Gerstmann's syndrome
- Acquired Alexia and Agraphia disorders

Prerequisites

Ongoing Ph.D. Course of Neuroscience or Psychology at Unimib (only for Cycle 38)

Teaching form

Lectures followed by plenary discussion. Lectures will be delivered in attendance (subject to any different ministerial provisions due to the COVID pandemic situation).
The course will adopt an intermediate theoretical and methodological framework, using both the classical clinical approach, which prefers group studies and aims at the anatomo-functional correlations for each neuropsychological deficit, and the experimental cognitive approach, which prefers single subject studies and aims at the functional architecture of each cognitive deficit.

Textbook and teaching resource

- Stracciari A, Papagno C. (a cura di). Manuale di Neurologia Cognitiva e Comportamentale. Il Mulino, 2021; pp. 440.
- Gallosti L. (a cura di). Demenze. Consigli clinici. CLEUP, 2020; pp. 528.
- Papagno C, Bolognini N. (a cura di) Neuropsicologia delle Demenze. Il Mulino, 2020; pp. 272.
- E. Ladavas, A. Berti. Neuropsicologia. Il Mulino, 2020 (4a ed.); pp. 400.
- Vallar G, Papagno C: Manuale di Neuropsicologia Clinica. Il Mulino 2018 (3a ed.); pp. 480.
- Stracciari A, Berti AE, Bottini G. Manuale di Valutazione Neuropsicologica dell'Adulto. Il Mulino, 2016; pp 291.

Semester

March 2025
16 hours

Assessment method

Frequency at minimum 75% of lectures

Office hours

By appointment, upon e-mail contact

Sustainable Development Goals

GOOD HEALTH AND WELL-BEING