UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Neuropsychology and Dementias: advanced course

2425-122R-24

Aims

Ph.D. students already enrolled in the Entry Course of Neuropsychology and Dementias will further deepen and widen theri knowledge by presentation of state-of-art scientific knowledge and research on advanced neuropsychological and dementia topics.
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 and not discussed at the entry level course; particular emphasis will still be placed on the diagnostic correlations with the more frequent and important neurological disorders.

Detailed program

Teaching Program:

- Vascular Cognitive Disoders (Va Dem, VCI)
- Semantic System, Agnosias and Semantic Dementia
- Spatial Deficits, Neglect and Posterior Cortical Atrophy (PCA)
- Apraxias and NPS in Neurodegenerative Parkinsonisms (PSP, CBS)
- Behavioral and Psychological Symptoms of Dementia (BPSD)
- Cognitive Deficits nin Neurosorgery
- Subclinical Phase in Dementia (MCI)

- Preclinical Phase in Dementia (SCI)
- Standard and experimental therapies for Alzheimer's disease
- Treatment of non-AD dementias (FTD, LBD, VAD)
- Rapidly Progressive Dementias (RPD)
- Limbic Encephalitis and additional Autoimmune/Paraneo Dementias

Prerequisites

Ongoing Ph.D. Course of Neuroscience or Psychology at Unimib (Cycle 38 only) and attendance of the entry level NPS and Dementia course

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

April 2025
16 hours

Assessment method

Frequency at minimum of 75% of lectures

Office hours

By appointment, upon e-mail contact

Sustainable Development Goals

GOOD HEALTH AND WELL-BEING