UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Disturbi Neuropsicologici nelle Malattie Neurologiche: Percezione

2223-1-004P001007

Learning objectives

The course intends to provide students with a set of advanced knowledge concerning the etiology and the diagnosis of neuropsychological disorders in patients with neurological diseases. Students will acquire knowledge on the main neurofunctional models of the neuropsychological disorders affecting cognitive functions, with a particular focus on memory and language. They will also gain up-to-date knowledge about some of the diagnostic tools and available. At the end of the course students should have learned the relevant concepts and appropriate terminology related to neurofunctional models of neuropsychological disorders affecting memory and language, and should be able to identify the neuropsychological characteristics of different clinical populations.

Contents

The course will present an updated overview of the main neurocognitive and neuropsychological models of memory and language processing. Students will learn about the main neuropsychological disorders found in neurological diseases affecting these cognitive domains, and how to carry out the diagnosis of these disorders.
• Neurofunctional bases of working memory, episodic memory, and semantic memory
• Neuropsychology of memory disorders
• Neurocognitive models of language comprehension and language production
• Neuropsychology of aphasias and acquired language disorders

Textbooks and Reading Materials

The lecture handouts and other relevant teaching materials will be made available online on the e-Learning website of the course. The textbooks for the course are:

- Manuale di neurologia cognitiva e comportamentale. (2021). A cura di Andrea Stracciari e Costanza Papagno. Editore Il Mulino.
- Manuale di Neuropsicologia. (2018). A cura di Giuseppe Vallar e Costanza Papagno. Editore Il Mulino.
- Basso A. (2005). Conoscere e rieducare l’afasia. Roma: Il Pensiero Scientifico.
- Kemmerer, D. L. (2022). Cognitive neuroscience of language (2nd edition). Routledge.

Sustainable Development Goals

GOOD HEALTH AND WELL-BEING