UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

# COURSE SYLLABUS

## Neuropsicologia Clinica e Demenze

**1819-5-H4101D219**

### 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

### 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

Didactic program:

- Foundations of neuropsychology

- Neurosciences of cognitive aging

- The neuropsychological evaluation

- Memory, amnesia and Alzheimer

- Agnosia and semantic dementia

- Focal and progressive aphasia

## Prerequisites

5th or 6th year Medical Student

## Teaching form

Lectures followed by plenary discussion

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, Berti AE, Bottini G. Manuale di valutazione neuropsicologica dell'adulto. Il Mulino editore, 2016, pp 291.

- Vallar G, Papagno C: Manuale di neuropsicologia clinica. Il Mulino editore, Seconda edizione, 2011; pp. 480.

## Semester

## Assessment method

Interactive verification at the course conclusion

## Office hours