UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Neuropsychological and Neuropsychomotor Sciences

2526-2-I0202D136-I0202D046M

Aims

The aim of course is to provide integrated knowledge about developmental neuropsychology, about the main neuropsychological disorders during development and about individualized school pathways for children with neurodevelopmental disorders.

Contents

Neuropsychological and Neuropsychomotor Sciences
Introduction to neuropsychology and neuropsychological rehabilitation in childhood, Perception disorders, Attention disorders, Language disorders, Learning disorders, Neuropsychology of music

Detailed program

1. Introduction to neuropsychology and neurodevelopmental disorders
2. Neurobiological basis of recovery and neuropsychological rehabilitation in the developmental age
3. Perception disorders (visual field disorders, recognition disorders, visuomotor disorders, non-verbal learning syndrome)
4. Attention disorders (Neglect in developmental age, ADHD)
5. Language disorders (Specific Language Disorder, Sociocommunicative Disorder, Language Disorder in Autism)
6. Specific Learning Disorders (Dyslexia, Dysorthography, Dysgraphia and Dyscalculia)
7. Functional diagnosis and role of the school in neuropsychological disorders
8. Neuropsychology of Music

Prerequisites

Objectives of the first year courses

Teaching form

Lectures in presence (lectures and interactive modalities)

Textbook and teaching resource

Disturbi e traiettorie atipiche del neurosviluppo: diagnosi e intervento. A cura di Pecini e Brizzolara. Edizioni Mc Graw Hill.

Slides from teachers

Semester

Second Semester

Assessment method

Written exam (test with multiple choice and open questions) + mandatory oral exam

Office hours

You receive by appointment

Sustainable Development Goals

QUALITY EDUCATION