UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Assessment and Enhancement of Sensorimotor Functions

2122-2-F5104P046

Learning area

METHODS AND TECHNIQUES FOR TREATMENT AND REHABILITATION

Learning objectives

Knowledge and understanding

Assessment of sensory-motor functions in healthy and brain-damaged individuals. Basic diagnostic tools and rehabilitative paradigms of psychological relevance.

Applying knowledge and understanding

Knowledge of principles and procedures for the assessment of sensory-motor functions and their application for both clinical and research purposes.

Contents

An in depth overview of the main diseases associated with motor or sensory (manly visual) deficits will be presented. Students will discuss clinical cases and their relative assessments, together with the most common rehabilitation procedures and instruments to assess their efficacy.

Detailed program

- Assessment of acquired primary and secondary motor deficits
- Assessment of acquired primary and secondary visual deficits
- Rehabilitation of motor deficits
- Rehabilitation of visual and visuo-motor deficits

Prerequisites

A good background on cognitive neuroscience and neuropsychological rehabilitation allows a more informed participation to the lab.

Teaching methods

Lectures, discussion, video, practical training.

Lessons will be held in presence, unless further COVID-19 related restrictions are imposed.

Although this course is held in Italian, for Erasmus students, course material can also be available in English, and students can take the exam in English if they wish to do so.

Assessment methods

Practical test: a clinical case will be presented and the student will have to comment it and suggest a rehabilitation protocol.

During the Covid-19 emergency, exams will be conducted according to the University's regulations regarding the COVID-19 emergency situation.

Textbooks and Reading Materials

Articles and other learning supports will be provided during the course and uploaded to the e-learning page.