UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

# COURSE SYLLABUS

## Neuropsychomotor Sciences 1

**2021-1-I0202D140-I0202D012M**

### Aims

By the and of the course, students should have acquired the ability to assess the neuropsychomotor, cognitive and behavioral evolution of the child

### Contents

NEUROPSYCHOMOTOR SCIENCES 1 : The observation of behavioral and motor development of the newborn at term. The neuropsychomotor development of the child during the first year of life. The psychomotor observation. The areas of psychomotor development. Mother-child observation. The psychomotor observation in nursery and kindergarten, from sensorimotor to concrete operational thinking.

### Detailed program

Neuropsychomotor Sciences 1

§ Observation of behavioral and motor development of the newborn at term.

§ Using the Neonatal Behavior Assessment Scale of Brazelton

§ The neuropsychomotor development of the child in the first year of life: 0-3 months, 3-6 months, 6-9 months, 9-12 months

The psychomotor observation

§ The areas of development

§ The movement: quality and frequency

§ Posturality

§ Gestures

§ Quality of tone

§ The expression (mimicry, gaze, voice, word)

§ Space and time

§ Relation with the material: from exploration to construction

§ Tracks of movement (development of the graphic sign)

§ The evolutive process in the relationship with equals

The evolutive process in the relationship with the adul

## Prerequisites

Objectives of the course Bases of Movement. Objectives of the course Kinesiology

## Teaching form

Lectures

During the Covid-19 emergency period, lessons will take place remotely asynchronously or videoconference with some events in synchronously and some in physical presence.

## Textbook and teaching resource

Neuropsychomotor Sciences 1

1. T. Berry Brazelton, J. Kevin Nugent, La scala di valutazione del comportamento del neonato, Masson, 1997

2. T. Berry Brazelton, Il bambino da zero a tre anni - Guida allo sviluppo fisico, emotivo e comportamentale del bambino, Fabbri Editori, 2003

3. R. Spitz, Il primo anno di vita del bambino, Giunti-Barbera, 2009

4. C. Pisaturo, Appunti di psicomotricità, Piccin Ed., 1996

5. E. Berti,F. Comunello,G. Nicolodi, Il Contratto terapeutico in terapia psicomotoria, Edizioni Junior, 2001

6. A.R. Damasio, L’errore di Cartesio, Adelphi Ed., 1995

7. D. Stern, La Costellazione Materna, Universale Bollati Boringhieri, 1995

A.R. Luria , Come lavora il cervello,Il Mulino, 1977

## Semester

Second semester

## Assessment method

Written exam: quizzes with single / multiple choice and open questions with brief answer.

Final oral exam at the discretion of the teacher or on the student's

During the Covid-19 emergency period the exam will take place electronically with proctoring control.

## Office hours

Received by telephone appointment