



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## COURSE SYLLABUS

### Neuropsychomotor Sciences 2

2526-2-I0202D142-I0202D030M

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#### Aims

After completing this course, the student will be able to assess the child with neuropsychomotor diseases, and to establish a profile of development, using the appropriate assessment tools.

#### Contents

NEUROPSYCHOMOTOR SCIENCES 2: Diagnostic setting. Anamnesis. Psychomotor observation and evaluation methodology of children. Examination of neurodevelopment during different ages. Assessment tools for neurodevelopment. Functional evaluation of the main neurodevelopment disabilities.

#### Detailed program

##### NEUROPSYCHOMOTOR SCIENCES 2

The psychomotor examination, the diagnostic setting, the anamnestic collection and the diagnostic process, the functional balance of child with neurodevelopment disability. Neuropsychomotor evaluation: psychomotor observation and neuropsychomotor examination. The Neuropsychomotor Observation Schedule (SON). The observational protocol. The main scales and development tests for neuropsychomotor evaluation. The assessment of non-verbal language. Observation of the development and evaluation of verbal language in children 0/3 years. Assessment of speech disorders in preschool and school age. Definition and characteristics of developmental disabilities and their management. Evaluation of the child with intellectual disability. Evaluation of the child with Down syndrome. Evaluation of the child with Developmental Coordination Disorder. Evaluation of the child with Sensory Processing and Regulation Disorder. Evaluation of the child with Autism Spectrum Disorder. Evaluation of the child with visual impairment.

## **Prerequisites**

Objectives of the first year courses

## **Teaching form**

Lectures in presence (lectures and interactive modalities)

## **Textbook and teaching resource**

C.Pecini, D. Brizzolara (a cura di), Disturbi e traiettorie atipiche del neurosviluppo. Diagnosi e intervento, Ed. McGraw-Hill Milano, 2020

D.Valente (a cura di), Fondamenti della Riabilitazione Infantile, Carrocci Ed.,2009 3.

E. Berti,F. Comunello,G. Nicolodi,Il Contratto terapeutico in terapia psicomotoria,Edizioni Junior,2001 R. Militerni,S. De Vita, A. Fogli, La prima diagnosi di Autismo. Punti di riflessione per i pediatri e i componenti delle equipe specialistiche dedicate ai Disturbi dello Spettro Autistico. Edizioni Mathesis, 2015

## **Semester**

First Semester

## **Assessment method**

Written exam: test with multiple choice and open questions.

## **Office hours**

By appointment

## **Sustainable Development Goals**

GOOD HEALTH AND WELL-BEING

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