



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## SYLLABUS DEL CORSO

### Laboratorio: Metodi e Strumenti di Valutazione dello Sviluppo Cognitivo in Età Prescolare

2223-2-E2401P104

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#### Learning area

1: Knowledge and skills useful to understand, promote and change individual psychological functioning

#### Learning objectives

##### *Knowledge and understanding*

- The evaluation of cognitive skills (language, memory, attention, executive functions, verbal reasoning, visual-spatial and visual-constructive skills) that develop in the 3-6 years age group.
- Administration and coding of testing tools with preschool children (WPPSI e NEPSY)
- How to write a report for preschool children

##### *Applying knowledge and understanding*

- Collecting anamnestic information in preschool age
- Administering tests with preschool children
- Scoring of tests
- Design and implementation of assessment programs in preschool age
- Writing reports for parents and teacher

#### Contents

An introduction will be given concerning cognitive development in preschool age, principles of cognitive assessment and standardized tests in developmental age and definition of intellectual disability. A practical part will follow and will involve a detailed presentation of administration and scoring procedures of WPPSI and NEPSY. Subtests will be presented in details, employing tests material and videos of children. Students will be involved in role-playing and exercise that will allow them to learn how to handle and administer the two tests. Further useful tests such as the Raven Coloured Matrices, the Bayley Scales and the Vineland Scales will be briefly presented. Students will be asked to independently administer some tests and draft a final report.

## **Detailed program**

- Cognitive development in infancy and preschool age
- Cognitive assessment in preschool age
- Standardized tests
- Intellectual Disability
- Anamnestic interview
- Writing a report for parents or teachers
- Brief Review of Raven Coloured Matrices
- Administration and scoring of WPPSI
- Administration and scoring of NEPSY
- Brief Review of Bayley
- Brief Review of Vineland

## **Prerequisites**

Basilar knowledge of children cognitive development areas

## **Teaching methods**

In addition to classroom lectures, part of the teaching will take place through the discussion of case studies, and guided exercises, individual and in small group and discussions on the course topics.

The material (slides and, when possible, scientific articles) is made available on the e-learning site of the course.

## **Assessment methods**

To overcome the lab students should have attended at least 75% of lessons.

The student will be asked to administer a selection of tests of WPPSI e Nepsy to a preschool child (age 3-6) and to write a report.

During the last lesson there will be individual interview about the lab report.

The knowledge about the instruments presented in will be the main subject of evaluation. A specific attention will be given to the knowledge of the technical language, the understanding and the ability to evaluate of cognitive

development in preschool age children.

## **Textbooks and Reading Materials**

Detailed information about other teaching material will be published on the e-learning page associated with the course.

## **Sustainable Development Goals**

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