



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## COURSE SYLLABUS

### Assessment of Cognitive Development... - Turno B

2324-2-E2401P104-TB

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#### Learning area

Contents and skills to describe and promote change in individual psychological functioning

#### Learning objectives

Knowledge and understanding

Assessment of cognitive skills (language, memory, attention, executive functions, non-verbal reasoning, visual-spatial and visual-constructive skills) that develop in the 3-6 age group  
Administration of test batteries in preschool age (WPPSI and NEPSY battery)  
Preschool report writing

Ability to apply knowledge and understanding

Ability to conduct an in-depth medical history collection in preschool age  
Ability to appropriately conduct preschool test administration  
Ability to assign scores and use conversion tables to standard scores  
Planning and implementation of evaluation protocols  
Writing reports for parents and teachers

#### Contents

After an introductory part, in which the foundations of cognitive development in the preschool age will be presented, the principles of cognitive assessment and standardized tests in the developmental age and the definition of

intellectual disability, will move on to the practical part. The methods of administration and scoring of the WPPSI and NEPSY test batteries will be presented in depth. The individual subtests will be presented in detail, also using the material that constitutes them and video recordings of children. Students will also be involved in role-playing exercises and exercises aimed at learning to handle the material and administer it. A brief mention will also be made of the Vineland scales for the assessment of adaptive functioning. Students will be asked to administer some tests independently and write a report.

## **Detailed program**

Cognitive development in early childhood and preschool age  
Cognitive assessment in preschool age  
The standardized assessment  
Intellectual disability  
The medical history  
Report for parents or teachers  
WPPSI battery administration and coding  
NEPSY battery administration and coding  
Introducing the Vineland Adaptive behavior Scale II

## **Prerequisites**

Basic knowledge of the areas of cognitive development in preschool age

## **Teaching methods**

In addition to the presentation of relevant contents in the classroom, teaching will take place through practical-clinical applications of the skills acquired: discussion of clinical cases, individual or small group guided exercises on materials  
clinical trials and discussion of issues related to assessment in preschool age.

All the material (lecture notes, scientific articles) is made available on the course e-learning site.

## **Assessment methods**

Students must have attended at least 75% of the lessons.

The student will have to administer a selection of tests taken from WPPSI and Nepsy to a preschool child (3-6 years) and write a report.

## **Textbooks and Reading Materials**

Material provided in the classroom.

Material present on the e-learning site.

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

## **Sustainable Development Goals**

GOOD HEALTH AND WELL-BEING | QUALITY EDUCATION

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