



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## COURSE SYLLABUS

### Research Methods and Assessment For The Life Cycle

2122-2-E2004P039

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#### Learning area

STUDY OF THE PSYCHOLOGICAL ASPECTS UNDERLYING COMMUNICATION

#### Learning objectives

##### *Knowledge and understanding*

- \_\_\_\_\_
- Main data collection techniques for the evaluation of cognitive, affective and socio-emotional development
- Theories and mechanisms of atypical development in the lifespan
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##### *Applying knowledge and understanding*

- Ability to link theory with functional applications
- Ability to design and conduct a research project
- Ability to choose the right methodological approach
- Ability to present efficiently a research project

#### Contents

The course is made of two main modules. The first module focuses on early and late development, discussing the

main theories and aspects of both cognitive and socio-emotional development.

The second module deals with aging, both typical and atypical, and the lines of intervention.

## **Detailed program**

- Cognitive, affective and social development in infancy and childhood
- Behavioural and physiological measure to study perception in preverbal infants
- Theory of mind
- Social deprivation
- The aging brain: typical and pathological aging
- Alzheimer and Parkinson: evaluation and interventions
- Methodological and statistical aspects in the study of aging
- Intelligence and memory in aging
- Students' presentations of articles

## **Prerequisites**

None in particular.

## **Teaching methods**

Teaching methods include lectures, videos and discussions. The material will be uploaded at the end of each class on the e-learning platform, to allow also non-attending students to use the material.

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The course will be held in presence unless further COVID-19-related \_\_\_\_

## **Assessment methods**

The exam is written and consists of 36 multiple-choice questions and 2 open questions, which needs to be completed within 90 minutes. The multiple choice questions will evaluate the student's knowledge of the topics discussed throughout the course. The essays will evaluate the ability of the student to discuss a specific topic and make connections among topics. The answers to the short essays will be evaluated in terms of accuracy of response, clarity, synthesis, and critical abilities.

The written exam can be integrated by an oral exam, which will allow the student to earn a maximum of 3 points to be added to the points achieved at the written exam.

## **Textbooks and Reading Materials**

1. A.E. Berti & A.S. Bombi (2013). *Corso di psicologia dello sviluppo*. Bologna: Il Mulino.
2. De Beni, R. & Borella, E. (2015). *Psicologia dell'invecchiamento e della longevità*. Bologna: Il Mulino.

Potential new handbooks will be communicated before the beginning of the course on e-learning.

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