



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## COURSE SYLLABUS

### Sociopsycopedagogic Sciences

1920-1-I0202D005

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#### Aims

After completing this course, students will have acquired the skills needed to understand the basic concepts of statistics in the biomedical field, and the knowledge of growth factors and major theories of cognitive development. The students will also acquire the basic knowledge of society and major social changes.

#### Contents

MEDICAL STATISTICS: Variability indexes and probability. Bayes' theorem. Means. Variance. PSYCHOLOGICAL SCIENCES: The new theories of knowledge. The model of situated cognition, new assumptions on the development and organization of knowledge. Motor aspects and interaction with the world in the development and organization of mental representations. The interpersonal motivational systems theory. Implications of IMS in the reading of communication mechanisms and processes. Emotions. DEVELOPMENTAL PSYCHOLOGY: Cognitive developmental psychology. The concept of development theory. Cognitive developmental, neurobiology and role of environment. The theory of cognitive development of Jean Piaget. The stages of development: principles and characteristics. Subjective experience and interpersonal experience of the child. SOCIAL SCIENCES: The purpose of these Lectures is to introduce students to the comprehension of some socialization processes, in particular the social transformations and the new migratory phenomena. NURSING SCIENCES: Definition of "profession", skills. The concept of health and disease. Elements of legislation, with particular reference to healthcare occupations. Elements and knowledge of childcare.

#### Detailed program

#### Prerequisites

#### Teaching form

Lectures

## **Textbook and teaching resource**

## **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

## **Office hours**

You receive by appointment

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