UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Neurodevelopment and Child Neuropsichiatry

2021-1-I0202D139-I0202D144M

Aims

After completing this course, students will have acquired the knowledge and skills the birth of movement from the fetus to the infant, and the development in the first year of life. The students will also understand the relationship between individual development and the environment

Contents

NEURODEVEPLOMENT AND CHILD NEUROPSYCHIATRY : Neurobiological bases. Thepsychological birth. Psychological development. Memory. The neuropsychological bases of memory. Forms of memory and their characteristics. Memory and cognitive development. Mind and brain. Genetic and environmental influences on mental development. Characteristics of the development in the first year of life. The organization of higher psychic functions.

Detailed program

NEURODEVELOPMENT AND CHILD NEUROPSYCHIATRY

? Neurobiological bases

? Executive functions

? Psychological birth

? Psychological development: relationship between individual and environment until the appearance and use of the object

? The transitional object

? Memory

? The neuropsychological bases of memory

? Forms of memory and their characteristics

? Implicit Memory and development

? Explicit Memory. Facts, events, and autobiographical consciousness

? The role of emotions in remembering and forgetting

? Stress, trauma, memory

? The memory of self and the self remembering

? Memory and cognitive development

? Mind and brain

? Genetic and environmental influences on mental development

? Implications within clinical and prevention field

? Characteristics of the development in the first year of life

? Concept of epigenesis and cerebral plasticity

? The importance of early relationships

? Neuropsychomotor development of the term newborn during the 1st year of life

? Neurodevelopmental Semeiotics (Milani Comparetti, Brazelton)

? Counseling to promote the orderly development

? Early signs of risk for motor, cognitive, relational disease

? The organization of higher psychic functions

? Attention

? Emotions

? Language

Prerequisites

Objectives of the course Bases of Movement.

Teaching form

Lectures

In the Covid-19 emergency period, lessons will be held remotely asynchronously with synchronous videoconferencing events

Textbook and teaching resource

1. A.R. Damasio, L’errore di Cartesio, Adelphi Ed., 1995

2. D.W. Winnicott, Il bambino, la famiglia e il mondo esterno, Magi Edizioni, 2005

3. G. Cioni (a cura di), Il bambino impara a muoversi, Pacini Editore, 1991

4. A. Milani Comparetti , Semeiotica neuroevolutiva in Riabilitazione, Prospettive in Pediatria 48, 305-314, 1982

5. G. Rapisardi, La valutazione dello sviluppo psicomotorio nel primo anno di vita, Pediatria 20, 96-103, 1994.

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 or on the student's proposal regarding the project

During the Covid-19 emergency period, written exams will be conducted remotely with proctoring control while oral exams will only be telematic. They will be carried out using the WebEx platform and there will be a public link on the e-learning page of the course for access to the examination of possible virtual attendees.

Office hours

You receive by appointment