UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

SYLLABUS DEL CORSO

Social Cognitive and Affective Neurosciences

2526-2-F5105P012

Learning area

Social Neuroscience, Affective Neuroscience, Cognitive Neuroscience

Learning objectives

Knowledge and understanding
. Knowing the cognitive, neurobiological and functional bases of social and affective mental processes.
. Understanding the genesis and dynamics of alterations and disorders of cognitive, communicative, emotional-motivational and social activity

Applying knowledge and understanding
• Acquisition of the ability to apply the acquired knowledge in order to design and carry out empirical studies in the field of social and affective neuroscience.
• Acquisition of the ability to apply the acquired knowledge in order to personally design and carry out clinical interventions focused on specific patients with socio-affective disorders.

Making judgements
Students will develop the ability to critically evaluate scientific literature and experimental methodologies in social and affective neuroscience, with attention to ethical issues, methodological rigor, and the interpretation of neural data related to human behavior and emotion.

Communication skills
Participants will improve their academic communication skills through the presentation and discussion of scientific findings in both written and oral forms, using appropriate technical terminology in English. They will also be encouraged to communicate complex neuroscientific concepts to non-specialist audiences.

Learning skills

The course will enhance students' ability to engage in autonomous learning through the critical reading of scientific articles, the use of online databases, and active participation in class discussions. These skills will prepare them for further study or research in cognitive, affective, or clinical neuroscience.

Contents

This course provides essential knowledge concerning the main cognitive models and the neurophysiological bases of social and emotional-motivational processes in humans, in order to promote the understanding of socio-emotional and behavioral functions, both in healthy people and patients with specific social or affective disorders.

Detailed program

Please see the info saved for each of the 2 modules.

Prerequisites

This course requires a basic knowledge of anatomy and physiology of the nervous system and its cognitive functions.

The understanding of textbook and scientific articles in English.

Teaching methods

Please see the info saved for each of the 2 modules.

Assessment methods

The exam will be only written.
The written exam consists in short essays (exposition of topics covered in class and described in study material/book chapters)

Textbooks and Reading Materials

Please see the info saved for each of the 2 modules.

Sustainable Development Goals

GOOD HEALTH AND WELL-BEING | GENDER EQUALITY