UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

SYLLABUS DEL CORSO

Psicologia Fisiologica

1920-2-E2401P008

Learning area

1: Knowledge and skills useful to understand, promote and change individual psychological functioning

Learning objectives

Knowledge and understanding

• Understanding the neuroanatomical and functional bases of the human mind in order to explain the cognitive and emotional behavior of individuals

Applying knowledge and understanding

. Ability to recognize and frame normal and abnormal behaviour in the contex to recognize and frame normal and abnormal behaviour in the contex of the relevant neurofunctional systems
. Ability to identify key diagnostic (behavioural or instrumental) tools to approach neurocognitive disorders and in general in neuroscience research

Contents

This course provides information about the neurofunctional architecture of the homeostasis, of cognition and emotion of human beings.

The course represents the completion of the 1st year "Anatomical and physiological foundations of psychic activity" course where the basics of neuroanatomy and neurophysiology were provided.

Thus, during this course we will illustrate the most advanced aspects of the neurophysiology of cognitive functions, regulatory functions and human behaviour. The final goal is to allow the student to frame specific behaviours (normal and pathological) in the context of the functioning or malfunctioning of specific neural systems.

Detailed program

Prerequisites

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

Teaching methods

Assessment methods

Textbooks and Reading Materials