UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Neurophysiology

2425-1-I0202D149-I0202D141M

Aims

After completing this course, students will have acquired the knowledge and skills of the physiology of higher psychic functions,

Contents

NEUROPHYSIOLOGY: The synapses. The receptors. The proprioceptors. The sensory systems. The resting and action potential. The ion channels. Breathing.

Detailed program

NEUROPHYSIOLOGY

? The synapses

? The receptors

? The muscle-tendon proprioceptors

? The vestibular proprioceptors

? The sensory systems

? Somoestesic sensitivity

? Heat - pain sensitivity

? Sight

? Hearing

? Smell

? Taste

? The resting and action potential

? The ion channels

? Breathing (respiratory system development and control of breath)

Prerequisites

Objectives of the course Bases of Movement

Teaching form

4 Lectures 2h/each, in presence and in italian.

Textbook and teaching resource

1. F. Baldissare, Fisiologia e Biofisica Medica, IV Ed.,Poletto Ed., 2009

Semester

1st term

Assessment method

Written exam, integrated with the other teaching units: quizzes with multiple choice questions and an open question with brief answer.

Office hours

By appointment

Sustainable Development Goals

GOOD HEALTH AND WELL-BEING | QUALITY EDUCATION | GENDER EQUALITY