



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## SYLLABUS DEL CORSO

### Neurologia

2425-1-I0201D131-I0201D195M

---

#### Aims

- to present the topographic distribution of the main cranial and spinal nerves
- to know the neurological exam of the cranial nerves
- \*\* - to know the neurological semeiotic of the normal subject and of the main neurological syndromes

#### Contents

Neurological examination:  
semeiotics: Cranial nerves  
Sensitivity  
Motor function  
Osteo-tendon reflexes  
Coordination  
Standing station  
Walking  
semeiotics in pyramidal syndromes, extrapyramidal syndromes and cerebellar syndromes

#### Detailed program

- cranial nerves and spinal nerves, topographic distribution
- neurological exam of cranial nerves

- cranial nerves
- I Olfactory nerve
- II Optic nerve
- III Oculomotor nerve
- IV Trochlear nerve
- V Trigeminal nerve
- VI Abducens nerve
- VII Facial nerve
- VIII Vestibulocochlear nerve
- IX Glossopharyngeal nerve
- X Vagus nerve
- XI Accessory nerve
- XII Hypoglossal nerve
- muscular tone and its disorders
- muscular trophism and its disorders
- the contractile force and its assessment
- osteotendinous reflexes and their alterations
- superficial reflexes and their alterations
- sensitive modalities and differential assessment
- the coordination
- the upright posture
- the deambulation

## **Prerequisites**

knowledge of the anatomy of the central and peripheral nervous system

## **Teaching form**

"Lecture-based teaching: 8 hours of lectures with 2-hour sessions, including 2 hours of asynchronous remote lessons"

## **Textbook and teaching resource**

- L. Pinessi, **Neurology Book – Neuroanatomiafisiologica e semeiotica neurologica**, edi-ermes

## **Semester**

2nd semester

## **Assessment method**

There will be a single exam (described in the General Course Syllabus). Knowledge of this teaching unit's program will be tested with multiple-choice closed-questions to evaluate the ability to reflect independently on critical points. Optional oral exam (upon student request). There are no intermediate tests planned.

## **Office hours**

By appointment

## **Sustainable Development Goals**

GOOD HEALTH AND WELL-BEING | QUALITY EDUCATION | REDUCED INEQUALITIES

---