



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## COURSE SYLLABUS

### Neurology

2324-1-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**

frontal lesson and exercise

during the Covid-19 emergency period, lessons will take place remotely asynchronously with synchronous videoconferencing events

## **Textbook and teaching resource**

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

## **Semester**

2nd semester

## **Assessment method**

a written exam containing open questions will be performed, with an optional oral exam (at the student's request) in a single test at the end of the course. the integration of the module teachings in the single open application will be agreed with the teachers of the other modules

During the Covid-19 emergency period, oral exams will only be online. They will be carried out using the WebEx platform and on the e-learning page of the course there will be a public link for access to the examination of possible virtual spectators.

## **Office hours**

By appointment

## **Sustainable Development Goals**

GOOD HEALTH AND WELL-BEING

---