



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## COURSE SYLLABUS

### Neurophysiology

2425-1-I0201D131-I0201D235M

---

#### Aims

Know and understand the role of the autonomic nervous system

- 
- To understand the morphological, biochemical, physiological, and social premises that contribute to determining the health status of individuals, also from a gender perspective;

#### Contents

Autonomic nervous system anatomy  
Neurophysiology of the autonomic nervous system  
neurophysiology of emotions  
multisynaptic reflex

#### Detailed program

Sure, here is the translation of the provided text into English:

---

##### Hypothalamus

##### Visceral sensitivity

Temperature, water-salt balance, sense of thirst, sexual function, circadian rhythms

## **Sphincter functions**

**Sympathetic, parasympathetic, and enteric systems**

**The main types of emotions, voluntary, automatic, and reflex responses**

**Polysynaptic reflexes useful in rehabilitation**

## **Prerequisites**

general notions of anatomy and neurophysiology

## **Teaching form**

4 frontal lectures (2h/each), in presence.

## **Textbook and teaching resource**

Neurofisiopatologia in riabilitazione  
Massimo Frascarelli  
Ed Minerva Medica

## **Semester**

I° term

## **Assessment method**

Exam described in the General Course Syllabus

## **Office hours**

by appointment  
cecilia.perin@unimib.it

## Sustainable Development Goals

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

---