



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## COURSE SYLLABUS

### Cardiorespiratory Physiology

2526-2-I0202D126-I0202D110M

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#### Aims

The course will provide the knowledge of respiratory and cardiological diseases and pain physiology

#### Contents

CARDIO RESPIRATORY PHYSIOLOGY, NOCICEPTION AND PAIN PHYSIOLOGY: Identification of the main frames of cardiorespiratory diseases and pain physiology and their description

#### Detailed program

Being able to describe in terms of physio-pathological and clinical the basics of the following frameworks:

- Obstructive lung diseases (bronchial asthma, chronic obstructive bronchopathies)
- Infectious lung diseases (Pneumonia, bronchiectasis)
- Fibrosing lung diseases (idiopathic pulmonary fibrosis, sarcoidosis)
- Critical respiratory Patient and non-invasive ventilation

- Acute and chronic pain

#### Prerequisites

Objectives of the first year courses

## **Teaching form**

Lectures  
Case discussion  
Role playing sessions

## **Textbook and teaching resource**

Teacher's dispensation

## **Semester**

Second Semester

## **Assessment method**

Written exam: quizzes with single / multiple choice and open questions with brief answer. Final oral exam at the discretion of the teacher.

## **Office hours**

We meet students by appointment  
pablomauricio.ingelmo@unimib.it

## **Sustainable Development Goals**

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

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