



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## COURSE SYLLABUS

### Respiratory Sciences

2526-4-H4102D089-H4102D100M

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#### Aims

The student will attend the clinical ward and outpatient clinic of Pulmonary Medicine Unit to acquire the first clinical skills

Participation in the daily clinical meeting with the Head.

#### Contents

Students will begin their clinical approach to patients with respiratory diseases by applying basic knowledge of history taking and chest examination (Dublin Descriptor 2). They will integrate anatomical and clinical information to recognize signs and symptoms, interpret basic chest imaging, and support initial diagnostic reasoning (Descriptor 3). Under supervision, they will start interacting with patients and healthcare staff, and begin to communicate using appropriate medical-scientific terminology (Descriptor 4). They will take part in clinical activities with a responsible and respectful attitude towards both patients and healthcare professionals (Descriptor 5).

#### Detailed program

First contact with the respiratory patient: basic history taking and chest examination

Clinical overview of common respiratory diseases

Introduction to pulmonary function tests

Basic chest imaging: X-ray and point-of-care ultrasound

Essentials of oxygen therapy and non-invasive ventilation

Principles of infection control and personal protective equipment use

## **Prerequisites**

Basic Clinical Skills course  
Basics concepts of anatomy and physiology of the respiratory system

## **Teaching form**

Practical guided observation activities with briefings and debriefings by hospital tutors of Respiratory Medicine Unit

## **Textbook and teaching resource**

to be defined by the tutor

## **Semester**

First semester

## **Assessment method**

Practical skills observation and rating scale assessment

## **Office hours**

by email appointment

## **Sustainable Development Goals**

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

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