UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

# COURSE SYLLABUS

## Occupational Medicine

**2223-4-H4101D263-H4101D085M**

### Aims

The aims of the course are:

- To learn the basic elements of the Occupational Medicine and of the prevention system in workplaces;

- To know the main risks in workplaces and their work-related diseases;

- To diagnose or to suspect the presence of an occupational disease;

- To know duties for physicians in case of injury and occupational disease.

### Contents

The course provides students with knowledge and skills related to prevention and health protection in workplaces, occupational diseases, and duties in case of injury and occupational disease.

### Detailed program

- Human dimension of the work

- Introduction to the Occupational Medicine and regulatory framework

- Basic notions of prevention and classification of risk factors

- General and specific toxicology

- Occupational cancers

- Diseases caused by physical agents (noise, vibration, micro climate, ionizing and non-ionizing radiation)

- Diseases caused by biomechanical overload of vertebral column and upper limb

- Work-related respiratory diseases

- Work-related skin diseases

- Ergonomics and risk of working with display screen equipment

- Pregnancy and work

- Work-related stress

- Specific risks for healthcare workers (i.e. biological risk)

- Work history

- Duties for physicians in case of injury and occupational disease

## Prerequisites

Knowledge related to preparatory courses as specified in the regulation of the degree course.

## Teaching form

Lectures and practical exercises

## Textbook and teaching resource

1) Bertazzi PA. Medicina del Lavoro. Milano: Raffaello Cortina Editore, 2013

2) Learning material provided by the teacher

## Semester

Second semester

## Assessment method

Written test with closed multiple-choice questions with only one correct answer and open-ended questions with brief answer.

## Office hours

By appointment requested by e-mail

## Sustainable Development Goals

GOOD HEALTH AND WELL-BEING | GENDER EQUALITY | DECENT WORK AND ECONOMIC GROWTH