UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Occupational Medicine

2324-4-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

- 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, in order to assess the basic knowledge and understanding of a topic.

Office hours

By appointment requested by e-mail

Sustainable Development Goals

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