UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

# COURSE SYLLABUS

## Public Health, Hygiene and Occupational Medicine

**2627-4-H4101D263**

### Aims

The course aims to allow the students to learn the principles and concepts of epidemiology and prevention of communicable and non-communicable diseases applied to public health along with the acquisition of research tools and methods relating to the subject under study of economics applied to health
Furthermore, students will acquire the basic elements of Occupational Medicine and the prevention system in the occupational field; they will know the main risks in the workplace and related pathologies; they will learn to recognize or suspect an occupational disease; as well as knowing the legal obligations in the event of accident and occupational disease. At the end of the course the student must have learned the clinical and organizational characteristics of General Medicine and its role in primary health care and in the health service. Finally, students will know the main factors that influence health and the methods and interventions for prevention and protection of health, at the level of the individual and of the community. Know the principles, problems and main interventions related to the prevention of communicable diseases. To know the epidemiology and prevention of chronic diseases and the main risk factors. To know the main organized preventive medicine and community medicine interventions. To know basic elements of health economy.

### Contents

The course will focus on the population-surveillance-inference triad. The objectives of epidemiological studies (descriptive epidemiology, etiology, diagnostics, prognostics) and the principles and main methods of investigation of the health economy, as well as preventive and community medicine, will be presented and discussed. The student will be provided with the knowledge and skills relating to the prevention and protection of health in the workplace, pathologies of occupational origin and obligations in the event of accident and occupational disease. The student will carry out a practical internship with a General Practitioner.

## Detailed program

Please refer to the program of the individual modules that make up the course

## Prerequisites

Knowledge of medical statistics

## Teaching form

Lectures and exercises. Internship carried out with a tutor General Practitioner.

## Textbook and teaching resource

Please refer to the program of the individual modules that make up the course

## Semester

Secon Semester

## Assessment method

The exam is written and consists of multiple choice questions, problem solving, open-ended questions. Subsequently the results of the paper will be discussed.

## Office hours

By appointment
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## Sustainable Development Goals

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