

# UNIVERSITÀ DEGLI STUDI DI MILANO-BICOCCA

## **COURSE SYLLABUS**

### **Preventive Medicine**

2324-4-H4102D059-H4102D116M

#### **Aims**

Understand fundamentals and applications of Preventive Medicine

#### **Contents**

The aim of the course is to provide students with the following topics: introduction to preventive medicine; epidemiology & control of communicable diseases, vaccines; surveillance systems, epidemiology & control of non-communicable diseases; screening.

#### **Detailed program**

EPIDEMIOLOGY OF COMMUNICABLE DISEASES (The activities of Preventive Medicine, Prevention and Health, Introduction to epidemiology of communicable diseases, chain of infections, transmission, epidemiological measures)

INTRODUCTION TO PREVENTION OF COMMUNICABLE DISEASES (Sterilization/Disinfection, Surveillance, Epidemiological analysis, Vaccines)

EPIDEMIOLOGY AND PREVENTION OF NON COMMUNICABLE DISEASES (Definitions, cause and risk factors, role of non communicable diseases, aspect of primary prevention and health promotion)

SCREENING (Definition, main features, characteristics of the screening test, major screening programs)

Prerequisites
None
Teaching form
Lectures or distance learning, based on SARS-CoV-2 prevention and management guidelines
Textbook and teaching resource
Slides, registered lessons, Handouts, books
Semester
Fourth year - Second term
Accessment method
Assessment method
Written Exam + oral (optional)
Multiple choice
Office hours
On appointment
Sustainable Development Goals
GOOD HEALTH AND WELL-BEING