UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

General and Applied Hygiene

2627-1-I0104D002-I0104D00201

Aims

1. Knowledge and understanding
   Understand the evolution of the concept of health and the core principles of public health.
   Demonstrate knowledge of demographic and epidemiological dynamics, as well as the three levels of prevention (primary, secondary, and tertiary) for both infectious and chronic diseases.
   Identify the role and organization of public health within healthcare systems.

2. Applying knowledge and understanding
   Utilize demographic and epidemiological data to analyze population health needs.
   Apply different prevention models to plan targeted interventions for infectious and chronic conditions.

3. Making judgments
   Critically evaluate the appropriateness, effectiveness, and overall impact of current prevention strategies and public health policies.

4. Communication skills
   Communicate public health concepts and data using appropriate scientific terminology, demonstrating the ability to translate complex information into accessible messages for the general public.

5. Learning skills
   Independently consult databases, epidemiological reports, and official institutional sources (e.g., WHO, national health institutes) for continuous professional updating on health guidelines and epidemiological trends.

Contents

The aim of the course is to provide students with principle, conepts and methods of public health. Specifically, after an introduction to public health, the course will appraise the following: eevolution of the concept of health, demographic and epidemiologic trends, fundamentals of epidemiology, prevention of infectious and chronic diseases.

Detailed program

The aim of the course is to provide students with principle, concepts and methods of public health. Specifically, after an introduction to public health, the course will appraise the following: evolution of the concept of health, demographic and epidemiologic trends, fundamentals of epidemiology, primary, secondary, tertiary prevention for infectious and chronic diseases. Public health within health systems.

Prerequisites

None

Teaching form

Lectures

Textbook and teaching resource

Handouts.

Signorelli C (editor). Igiene e Sanità Pubblica. SEU, Roma, 2017

Semester

First year - First semester

Assessment method

Written exam, with multiple-choice questions.

Office hours

By appointment

Sustainable Development Goals

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