



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## COURSE SYLLABUS

### Community Medicine

1920-4-H4101D263-H4101D188M

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#### Aims

Knowledge of the main factors which influence health; methodologies and interventions for prevention and health protection, both concerning the individual and the community. Knowledge of the principles and issues concerning the prevention of transmissible diseases, chronic diseases and risk factors and of main issues in preventive and community medicine.

#### Contents

Hygiene, Prevention and Health Promotion

Preventive and Community Medicine.

#### Detailed program

The concepts of health and disease, natural history and social history of health, the factors that influence the health of individuals and populations (biological, environmental, lifestyle, health systems). Protection and health promotion: principles and modes of intervention. Levels and types of prevention. The main prevention strategies (population and high risk) applicable to the protection of health. Secondary prevention, screening tests, the cancer screening programmes. Behavioral risk factors related to lifestyle (smoking, alcohol); nutrition and health: qualitative and quantitative requirements of the diet, the main health risks related to poor nutrition; health education: characteristics and modes of intervention, the communication of messages, information and education. Epidemiology and prevention of infectious diseases: sources and modes of transmission, interventions for the prevention and control of communicable diseases. Types of vaccines and vaccination strategies, mandatory and optional vaccinations for children, adolescents, and adult immunization. Community health interventions through the life span (reproductive and child, adolescent, adult, and elderly health), substance abuse epidemiology and prevention, environmental health risks and protection (air pollution, safe water and food control).

## **Prerequisites**

## **Teaching form**

Lectures and workshops

## **Textbook and teaching resource**

Comodo N. Maciocco G. Igiene e Sanità Pubblica, Nuova Edizione – Carocci Editore 2011

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

Digital learning material

## **Semester**

2nd semester

## **Assessment method**

Written exam with subsequent discussion of the results from the written exam

## **Office hours**

By appointment, write to [giampiero.mazzaglia@unimib.it](mailto:giampiero.mazzaglia@unimib.it)

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