



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## COURSE SYLLABUS

### Medical Surgery Sciences and Specialistic Divisions

2223-2-I0202D126

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#### Aims

The course aims to provide students with the necessary information to identify the emergency situations, together with the clinical skills to protect the lives of patients waiting for the doctor. The course will also provide the knowledge of gastrointestinal and respiratory diseases, of surgery, otolaryngology, audiology..

#### Contents

ANATOMY: Learning of the basics of anatomy. Understanding where these concepts are useful for surgical procedures and physiotherapeutic rehabilitation.

CARDIO RESPIRATORY PHYSIOLOGY: Identification of the main frames of respiratory diseases and their description.

INTERNISTIC EMERGENCIES: Recognize the pediatric main internistic emergencies frames.

SURGICAL EMERGENCIES: Recognize the main frames of surgical emergency and know how to describe them. Being able to appropriately address patients to care.

GENERAL PATHOLOGY: Concepts of general pathology. Etiology. Pathogenesis. Concept of homeostasis and disease. Onset and course of acute and chronic disease. General etiology. Physiological and pathological predisposing factors. Causes of disease: physical, chemical, biological. Virulence. Pathogenicity. Transmission of infections. Pathogenic action. General properties of the immune system. .

OTOLARYNGOLOGY : Ear, pharynx and larynx anatomy. Hearing assessment. Risk factors.

#### Detailed program

## **Prerequisites**

## **Teaching form**

Lectures

## **Textbook and teaching resource**

Slides

## **Semester**

Second Semester

## **Assessment method**

Written exam with a multiple choice test and one short open question.

## **Office hours**

Contact prof Froio at the following email address:

[alberto.froio@unimib.it](mailto:alberto.froio@unimib.it)

## **Sustainable Development Goals**

GOOD HEALTH AND WELL-BEING

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