



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## COURSE SYLLABUS

### Surgical Specialties

2122-5-H4101D330

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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

Recognition of the most frequent odontostomatological, maxillofacial and visual system diseases. Epidemiology, etiology and symptomatology. Physical examination, differential diagnosis, therapy and prognosis of the main diseases of relevance.

#### Detailed program

VISCERAL ANATOMY: Learning of the basics of visceral 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.

## **Prerequisites**

To be enrolled in the 5th year of the Master Course Medicine and Surgery

## **Teaching form**

Lessons will be provided in presence, subject to any ministerial changes following the COVID pandemic situation

## **Textbook and teaching resource**

The teaching resource will be detailed in each module

## **Semester**

Second Semester

## **Assessment method**

Written exam: quizzes with single / multiple choice and open questions with brief answer.

Final oral exam at the discretion of the teacher or on the student's proposal regarding the project

## **Office hours**

By appointment

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