



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## COURSE SYLLABUS

### Internal Medicine 1

2425-2-I0101D009-I0101D024M

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#### Aims

The course aims to give students knowledge of the most important internal medicine, obstetrical, gynaecological and paediatric diseases together with the guidelines for their identification and management, in order to meet patients nursing care needs with the aid of the nursing process and clinical documentation tools.

#### Contents

Anemia: classification. Respiratory system: Bronchiectasis, bronchiolitis, pneumonia. Hepatology: classification of chronic liver disease, steatosis, hepatitis, autoimmune hepatitis, cirrhosis, complications of cirrhosis. Kidney disorders: care to patients with renal disease, acute renal failure, chronic renal failure, signs of renal replacement therapy, glomerular disease and the main renal syndromes. Cardiovascular: heart failure, ischemic heart disease, major arrhythmic disorders, hypertension and hypotension. Endocrine system: pituitary diseases, hypothyroidism and hyperthyroidism, diabetes. Comprehensive Geriatric Assessment and main geriatric syndromes.

#### Detailed program

Anemia: classification, megaloblastic anemia, signs on iron metabolism, iron deficiency anemia.

Respiratory: shortness of breath, nodi sull'emoanalisi blood, oxygen therapy, spirometry and its application in pathology of asthma.

Hepatology: classification of chronic liver disease, steato hepatitis, autoimmune hepatitis, cirrhosis, complications of cirrhosis.

Kidney disorders: signs of renal pathophysiology, patient approach to renal disease, acute renal failure, chronic renal failure, signs of renal replacement therapy, glomerular disease and the main renal syndromes.

Cardiovascular signs of cardiac pathophysiology, heart failure, ischemic heart disease, signs of

electrocardiography, major arrhythmic disorders, high blood pressure.

Endocrine: overview of pathophysiology, the main diseases of the pituitary, the hypothyroidism and hyperthyroidism, diabetes mellitus.

Comprehensive Geriatric Assessment and main geriatric syndromes.

## **Prerequisites**

Enrolling in the 2nd year of the Bachelor's Degree in Nursing

## **Teaching form**

The lessons are held in a dispensed mode with lectures, in presence; with the use of Teledidactics for remote locations.

## **Textbook and teaching resource**

- Smeltzer S.C., Bare B., Hinkle J., Cheever K. (2017) Brunner - Suddarth Infermieristica medico-chirurgica, Vol. 1-2., V ed., Milano: Casa Editrice Ambrosiana;
- Ferrara L.A. et al. (2013) Compendio di Medicina Interna, EdiSES.

## **Semester**

First semester

## **Assessment method**

The exam takes place in written mode with mandatory oral.

Written mode: closed response test

Oral modality: interview on the topics included in the teaching modules and on the exam texts.

The results of the Academic Year will be communicated through the "Exam Exam Calendar"; changes will be possible to the date of the oral interview in relation to the number of students and unforeseen events.

There are no ongoing tests.

## **Office hours**

By appointment

**Sustainable Development Goals**

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

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