UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

# COURSE SYLLABUS

## Patologia Medico-chirurgica 3

**1819-3-H4101D260**

### Aims

RHEUMATOLOGY: Elements of Semiotics (joint physical examination, laboratory tests, imaging); Epidemiology of rheumatic diseases, systemic connective- spondyloarthritis -vasculitis: etiology / pathogenesis, diagnostic criteria, laboratory and instrumental investigations, clinical picture, elements of therapy.

HAEMATOLOGY: Etiology, anatomical and clinical characteristics of the main hematological (anemia, leukemia, myeloproliferative syndromes, coagulopathy). Interpretation of clinical signs and laboratory information for diagnosis; Including NGS techniques. Main therapeutic programs in hematology based on evidence.

INFECTIOUS DISEASES: Etiology of major infectious diseases (bacterial, viral, fungal) and related clinical and laboratory typical signs for diagnosis and therapy.

UROLOGY: Major urological syndromes, urogenital infections, Urinary, Oncology, Urology, Andrology Pathology, Laboratory Medicine.

NEPHROLOGY: Pathophysiological and diagnostic significance of renal function parameters. Acute kidney injury. Primary and secondary glomerular diseases. Chronic kidney disease. Systemic complications of end stage renal disease. Inherited renal disorders.

### Contents

Students will learn to apply their knowledge of Anatomy, Physiology, Biochemistry, to organ and/or apparatus pathologies.

They will also learn how to evaluate the diagnostic methods, generally used in medical practice, to recognize signs and symptoms of the main diseases, and interpret the results of instrumental and laboratory.

## Detailed program

Detailed program is available under the section of each module

## Prerequisites

Physiology, General Pathology

## Teaching form

Classes and practical training in outpatient/inpatient clinics, and in operating rooms.

## Textbook and teaching resource

Corradini – Foa'- Boccadoro: Manuale di

Ematologia 2018 Editore Minerva Medica –

DeVita, Hellman, and Rosenberg's. Cancer: Principles & Practice of Oncology, 11th Edition, 2018, Wolters & Kluwer.

Harrison's Principles of Internal Medicine Ed. McGraw Hill 19th edition;

Cecil Textbook of Medicine, 25th Edition, 2016. - Rugarli Medicina Interna

sistematica Ed. Elsevier Masson 6° edizione - Johnson RJ, Feehally J,

Floege J, Comprehensive Clinical Nephrology Fifth edition

- Manuale di malattie infettive. Mauro Moroni, Spinello Antinori, Vincenzo Vullo 2014

Edizione Masson 8^ edizione

## Semester

## Assessment method

Multiple choice questions (30 points) and colloquium (30 points)

## Office hours