



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## SYLLABUS DEL CORSO

### Gastroenterology and Hepatology

2425-5-H4102D043-H4102D185M

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#### Aims

The primary goal of the course is to provide students with the pathophysiologic basis of the digestive and liver systems in order to make correlations between the inner mechanisms of diseases and their clinical expression. The student will be able to interpret symptoms, signs and laboratory tests as well as radiologic and endoscopic findings. Clinical tools to understand concepts of organ-limited disease, system involvement or systemic disease will be provided.

#### Contents

Gastroenterology & Hepatology

#### Detailed program

Autoimmune liver/Cholestatic diseases  
Pancreatitis  
IBD/Celiac disease  
DILI  
Multidisciplinary approach to NAFLD  
Viral Hepatitis  
Storage diseases  
Acute alcoholic hepatitis  
Endoscopy in PSC  
AI in radiology  
Cirrhosis 1

GI Bleeding  
Upper GI  
Cirrhosis 2  
ACLF

Multidisciplinary lessons:

--Chronic Hepatitis

- Pathology & Diagnostic
  - Clinical Hepatology
- HCC and liver transplant
- Pathology & Diagnostic
  - Clinical Hepatology
  - Interventional Radiology

• Surgery

--IBD + Microbiota:

- Pathology & Diagnostic
- Clinical Gastroenterology
- Endoscopy
- Surgery

--GI TUMORS:

- Pathology & Diagnostic
- Clinical Gastroenterology
- Endoscopy
- Surgery

PBL

Neuroendocrine tumors

GI bleeding (upper lower)

Acute abdomen(diverticulitis, peritonitis, perforations)

Esophageal disorders

## **Prerequisites**

enrolled in the 5th year

## **Teaching form**

Lessons

Multidisciplinary Lessons

Problem-based Learning

Case-based Learning

## **Textbook and teaching resource**

- Sleisinger & Fordtran's Gastrointestinal and Liver Disease E-dition. Text with Continually Updated Online Reference ([www.sfgastro.com](http://www.sfgastro.com)): Pathophysiology, Diagnosis, Management & Liver Disease

(Sleisinger/Fordtran). Eds: Feldman, Mark; Friedman, Lawrence; Brandt, Lawrence J. ISBN: 978-1-4160-3245-8.

- Harrison's Principles of Internal Medicine: The 20th edition of the book, edited by Dennis Kasper, Anthony Fauci, Stephen Hauser, Dan Longo, J. Larry Jameson and Joseph Loscalzo, (17 August 2018). The 21st edition of the book to be released on 28 March 2022
- Zakim and Boyer's Hepatology. A Textbook of Liver Disease. Seventh Edition (2018) (Edited by: Arun J. Sanyal, Thomas D. Boyer, Norah A. Terrault, and Keith D. Lindor)
- Clinical Gastrointestinal Endoscopy: A Comprehensive Atlas. (2018) Ed. Hoon Jai Chun, Suk-Kyun Yang, Myung-Gyu Choi
- Malattie Dell'apparato Digerente 2019-2022: Unigastro (Editrice Gastroenterologica Italiana)
- Reviews

## **Semester**

Second semester

## **Assessment method**

Before being allowed to sustain the oral examination the student should meet the following requirements:

- 70% of attendance to the GI Clerkship
- Approval from the tutor of the acquisition of the required skills\*\* (details of the skills in syllabus Clerkship 9 Gastroenterology & Hepatology I & II)

to sustain and pass the written Multiple Choice Test (a minimum score of 27 out of 45)

the oral examination shall be carried out by a multidisciplinary team of teachers, in order to cover all the topics (basic & clinical GI) presented during the course according with the present syllabus, with the discussion of both open issues and case-based clinical evaluation

## **Office hours**

The professor receives by appointment upon agreement by e-mail

## **Sustainable Development Goals**

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

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