



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## COURSE SYLLABUS

### Gastroenterology C

2122-6-H4101D335-H4101D199M

---

#### Aims

The primary goal of the course is to provide students with the pathophysiologic basis to understand digestive, disease, 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 and radiologic and endoscopic investigations. Tools to understand concepts of organ-limited disease, system involvement or systemic disease will be provided.

#### Contents

Esophageal disease, gastritis, peptic ulcer. Coeliac disease, Crohn disease, ulcerative colitis. Acute and chronic hepatitis, liver storage diseases, liver cirrhosis, portal hypertension, jaundice. Acute and chronic pancreatitis

#### Detailed program

##### ESOPHAGEAL DISEASE AND ACID-RELATED DISEASE

- Esophageal Neuromuscular Function and Motility Disorders
- Gastroesophageal Reflux Disease
- Helicobacter pylori Infection
- Peptic Ulcer Disease

- Barrett's Esophagus

#### MALABSORPTION

- Coeliac disease
- Inflammatory bowel diseases

#### ACUTE AND CHRONIC HEPATITIS, ACUTE LIVER FAILURE, CIRRHOSIS AND COMPLICATIONS

- Overview of Liver Cirrhosis
- Viral hepatitis
- Alcoholic Liver Disease and Nonalcoholic Fatty Liver Disease
- Hemochromatosis and Wilson Disease
- Autoimmune Hepatitis, Primary Biliary Cholangitis and Primary Sclerosing Cholangitis
- Portal Hypertension and its complications (Variceal Bleeding, Ascites and Spontaneous Bacterial Peritonitis, Hepatic Encephalopathy, Hepatorenal Syndrome, Hepatopulmonary Syndrome, and Other Systemic Complications of Liver Disease)
- Acute Liver Failure
- Hepatic Tumors (benign and malignant)
- Liver Transplantation

#### PANCREATITIS ACUTE E CRONICHE

- Hereditary, Familial, and Genetic Disorders of the Pancreas and Pancreatic Disorders in Childhood
- Acute Pancreatitis
- Chronic Pancreatitis

### **Prerequisites**

Propaedeutic skills

### **Teaching form**

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

## **Textbook and teaching resource**

Digestive Diseases Unigastro

2019-2022 Edition

Editrice Gastroenterologica Italiana

ISBN: 9788821450464

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: 9780323609623

## **Semester**

Six year, I semester

## **Assessment method**

Quiz, Clinical Case, oral session

## **Office hours**

Every day by scheduled appointment ([marco.carbone@unimib.it](mailto:marco.carbone@unimib.it))

---