

## 26775 - Gastroenterology and Hepatology

### Syllabus Information

**Academic year:** 2024/25

**Subject:** 26775 - Gastroenterology and Hepatology

**Faculty / School:** 104 - Facultad de Medicina

**Degree:** 304 - Degree in Medicine

**ECTS:** 9.0

**Year:** 4

**Semester:** Second semester

**Subject type:** Compulsory

**Module:**

### 1. General information

The subject of Gastroenterology and Hepatology deals from an integral medical-surgical perspective with diseases that affect the digestive tract, liver, pancreas and biliary tract as well as other processes that occur within the abdomen and that are usually attended by specialists in digestive system and surgeons. This subject is the basis for the student to be able to establish the diagnosis, prognosis, treatment and prevention measures of the main diseases in Gastroenterology and Hepatology, as well as the implications that other pathologies have on the Digestive System.

The approaches and objectives of the course are aligned with the Sustainable Development Goals (SDGs) of the United Nations 2030 agenda (<https://www.un.org/sustainabledevelopment/en/>) (<https://www.un.org/sustainabledevelopment/en/>)

### 2. Learning results

Upon completion of the subject the student will be able to:

1. Know how to make a complete anamnesis, focused on the patient and oriented to Gastroenterology and Hepatology, interpreting its meaning.
2. Know how to perform a physical examination, oriented to the digestive system, interpreting its meaning.
3. Know how to evaluate the modifications of the different clinical parameters at different ages.
4. Know and guide the diagnosis, differential diagnosis, prognosis and treatment of the main digestive pathologies.
5. Establish an action protocol, focused on the needs of the patient and the family and social environment, consistent with the patient's symptoms and signs.
6. Propose a treatment according to the therapeutic possibilities of the environment.
7. Know well the processes that the student will be able to resolve at the primary care level and others that they should assess and refer appropriately.

### 3. Syllabus

**MASTER CLASSES:** 46 1-hour lessons covering the following integrated program: I.- PATHOLOGY OF THE ESOPHAGUS; II.- ABDOMINAL CAVITY; III. GASTRODUODENAL PATHOLOGY; IV. PATHOLOGY OF THE SMALL AND LARGE INTESTINE; V. PATHOLOGY OF THE BILIARY TRACT AND PANCREAS.

**SMALL GROUPS:** 45.56 hours. 1. Medicine Seminars:5h; 2.Surgery Seminars:12,6h total; 3. Integrated Seminars: 4h.

**MEDICAL-SURGICAL PRACTICES AND WORKSHOPS:** 13,8h. It includes hospital internships (5 days) and workshops in small groups(4-5 students) that will develop and present 4 clinical cases based on the realization and/or interpretation of clinical records, physical examination and most common complementary tests, as well as clinical reports.

### 4. Academic activities

**The program offers:**

A) Face-to-face teaching:101.26 h

A.1. 46 1-hour master classes.

A.2 45.5 h of teaching in Small Groups distributed in 5 Seminars of Medicine of 1 hour, 5 Seminars of Surgery of 2h and 2 integrated seminars of 2 h.

A3. Hospital Internship (5 days from 11:30 to 15:00) in HCU and HUMS.

A4. Workshops: 13.80 h in small groups developing 4 clinical cases (1-2 gastroenterology, 1-2 hepatology-via biliary-pancreas) based on the information presented in the ADD. The grade will be equal for all members of the small group.

A4.Tutorials. 6.90 h and Evaluation: 20,3 h

B) Non-attendance teaching:123.76 h

## 5. Assessment system

The final grade obtained by the student will be expressed according to a scale of 0 -10 with one decimal place and its corresponding qualitative expression (Art. 5 of R.D. 1125/2003), in such a way that: 0-4,9:Fail; 5-6,9:Pass; 7- 8,9:Notable; 9-10:Outstanding

To pass the evaluation it will be necessary:

1. To pass independently the theoretical evaluation in large groups and the classroom part in small groups (seminars, workshops and hospital practices) being the final grade the result of their sum.
2. The completion of internships as well as attendance to seminars and workshops will be mandatory.

**Theory evaluation:**(70 points): Multiple-choice exam with 70 questions (35 of the Medical part and 35 of the Surgical part) of 4-5 topics with one valid answer and no negatives. This theoretical part is passed with a minimum of 49 correct questions (70% of the total number of questions in this part).

**Evaluation of seminars-workshops-internships at the hospital:** (30 points) a) Passing the subject will imply attendance (compulsory) in addition to obtaining an overall minimum grade of 21 points, the sum of the grades of the 3 parts.

The minimum to pass the subject is 70 points (equivalent to a 5 = pass); the maximum is the sum of 100 points (equivalent to a 10= Outstanding).