

## 26769 - Medical Specialties (Hematology and Oncology)

### Syllabus Information

**Academic year:** 2023/24

**Subject:** 26769 - Medical Specialties (Hematology and Oncology)

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

**Degree:** 304 - Degree in Medicine

**ECTS:** 6.0

**Year:** 3

**Semester:** First semester

**Subject type:** Compulsory

**Module:**

### 1. General information

The subject "medical specialties" includes both oncology and haematology, addressing the study and knowledge of solid tumours and diseases of the blood and hematopoietic organs.

Knowledge of the natural history, epidemiology and the main symptoms and complications of these diseases will contribute to improve prevention and early diagnosis, collaborating with the training of the population in health education.

This approach is aligned with the Sustainable Development Goals (SDGs) of the United Nations 2030 Agenda <https://www.un.org/sustainabledevelopment/es/>, such that the acquisition of the learning results of the subject provides training and competence to contribute to some extent to their achievement: Goal 3: Health and wellness; Goal 4: Quality Education; Goal 5: Gender equality; Goal 10, reduction of inequalities; Goal 17: Alliances to achieve objectives

### 2. Learning results

To pass this subject the student must demonstrate the following results:

Interpret haematological clinical-anatomical data, as well as identify and differentiate hemopathologies and know their treatment.

Be able to educate the population on prevention and disseminate the Community's cancer screening programs.

Know how to perform an anamnesis and clinical examination oriented to oncology.

Know the importance of histopathological diagnosis and staging of tumours and its prognostic implication.

Recognize the therapeutic plan designed, focused on the needs of the patient and their environment.

Design a patient and disease follow-up plan.

### 3. Syllabus

The detailed program of both blocks is shown on the web page of the School of Medicine.

- The subject Haematology includes three sections: anaemia, hematoncology and coagulation, focusing on the most prevalent and practical aspects. The seminars will be based on the interpretation of tests and the presentation and discussion in groups of clinical cases.

- The subject Oncology includes general aspects of solid tumours; principles of systemic (pharmacological) treatment of cancer and approaches to the different solid tumours. The seminars will focus on more practical aspects, such as the most frequent oncologic emergencies and the treatment of oncologic pain,.

### 4. Academic activities

The teaching of the subject is structured in 34 lectures of 50 minutes to large groups (17 in Haematology and 17 in Oncology) and 26 hours of activities in small groups (seminars, case and problem solving or exposition of practical topics), 13 of which correspond to each block.

In addition, the teaching of the subject must include 90 h of non-face-to-face teaching, which is the student's autonomous work dedicated to the study and preparation of practical cases for their presentation

The content of the theoretical classes will be supported by a previously recommended bibliography adapted to the student's level of knowledge.

### 5. Assessment system

The grade for this subject will be global, although the evaluation will be carried out independently in each of the parts that comprise it. To pass the subject, the grade of each of the two parts must be 5 or higher, not considering the compensation between them. The evaluation activities will be:

- Final exam of 30 questions with 5 answers (4 distractors and only one true answer). The cut-off point to pass the exam is set

at 18 valid answers. Incorrect answers are not penalized.

- Attendance to 80% of the seminars will be compulsory and will compute up to 15% of the final grade. The 5% will be simply for attendance and the remaining 10%, for active participation in the activities, which may include the exposition of practical topics and the resolution in group of previously assigned clinical cases.

The final grade will be the average of the exam of both subjects, provided that they are higher than 5 in each of them (18 correct answers) which will mean **85%** of the total. The grade for the seminars (up to **15%**) will be added to the exam grade.

The grades of the subject will be kept for calls included in the subject's enrolment.