

## 26787 - Occupational medicine

### Syllabus Information

**Academic year:** 2023/24

**Subject:** 26787 - Occupational medicine

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

**Degree:** 304 - Degree in Medicine

**ECTS:** 5.0

**Year:** 5

**Semester:** First semester

**Subject type:** Optional

**Module:**

### 1. General information

This is an elective that aims to contribute to the comprehensive training of the future physician through the acquisition of fundamental competences for the identification and/or suspicion of the possible occupational origin of the pathologies that they may have to deal with in their professional practice, as well as for a correct action from the preventive, clinical, ethical and legal aspects in these cases

The SDGs that the teaching provided contributes to develop are fundamentally the following: Goal 3: Health and wellness; Goal 4: Quality Education; Goal 16: Peace, Justice and solid Institutions.

### 2. Learning results

The student, in order to pass this subject, must demonstrate the following **learning results**:

1. Recognize the fundamentals of Occupational Medicine and the importance of identifying the occupational origin of an ailment, as well as the actions involved in this identification in different situations in the clinical-care setting
2. Solve, in the light of these fundamentals, different clinical situations in which questions related to the prevention, diagnosis, treatment, rehabilitation of occupational diseases, their sequelae and significance in terms of return to work or loss of capacity that imply different administrative situations for the person.
3. Resolve with success different situations in the interaction with the patient to whom the work may cause harm.
4. Recognize the importance and the way to establish fruitful collaboration links with Occupational Medicine from Family Medicine and other specialties.
5. Draft and know how to use, always according to the previous fundamentals, the following documents on real clinical cases: clinical-occupational records, basic expert reports in occupational pathology cases, sick leave reports as a consequence of an occupational contingency, in such a way that their form and content are adequate to their purpose in each specific case, as well as to recognize their medical-legal importance.

### 3. Syllabus

1. Introduction - Occupational Medicine.
2. Effects of work on health and occupational hazards: 2.A. Chemical agents. 2.B. Biological agents. 2.C. Physical agents. 2.D. Ergonomic risks. 2.E. Psychosocial risks-mental health and work.
3. Health Surveillance
4. Workplace health promotion
5. Work-related pathology. 1. Occupational accidents, occupational diseases and work-related injuries. Notification of occupational diseases. Occupational Pathology and Disabilities.
6. Expertise in Occupational Medicine.
7. Scientific research and collaboration between different occupational health specialties.

### 4. Academic activities

*It can be taken entirely online*

**ACTIVITY 1:** Theoretical classes **9h** (face-to-face/eventually online). Schedule: 17:00-20:00 h.

**ACTIVITY 2:** Practices: problem-based-learning (virtual patients - CASUS platform). 35h NON-FACE-TO FACE

**ACTIVITY 3:** Practical work **11 h** NON-FACE-TO-FACE (case studies and medical-legal documents Used in occupational medicine-revision-subject). For this purpose, students are provided with materials from the European module EMUTOM (e-learning) + a free dossier of 22 educational video-conferences by national and international experts.

**ACTIVITY 4:** of **4h-** external internships at Hospital-MAZ (if the necessary faculty is available)

**ACTIVITY 5:** Tutoring (request by email)

**ACTIVITY 6: Exam-5h**

## **5. Assessment system**

**Continuous evaluation:** The following will be valued:

- 1) Completion of the online case studies with virtual patients (mandatory and essential to pass). PASSED OR NOT PASSED
- 2) Submission of papers (required for passing): the criteria for the submission of papers are provided in the ADD.

The deadline to complete these 2 activities will be specified in Moodle (in any case 15 days before the date set for the written test).

- 3) Attendance at MAZ hospital internships (not mandatory).

With all this the student can pass the subject with very good grades.

**Written Test/Test Examination:** Optional. Test with 30 "multiple choice" questions with 5 possible answers and only one correct answer . No negative points. IS OFFERED FOR:

- Those who have passed the subject and wish to take a written test to obtain a higher grade
- Those who have to do so because they have not completed the compulsory practices (virtual patient cases and assignments) and have not passed the subject.

It will be held on the date established by the coordinators of the semester (day and time will be informed in Moodle and / or bulletin board).