

26772 - Infectious Diseases, Geriatrics and Emergencies

Syllabus Information

Academic year: 2024/25

Subject: 26772 - Infectious Diseases, Geriatrics and Emergencies

Faculty / School: 104 - Facultad de Medicina

Degree: 304 - Degree in Medicine

ECTS: 9.0

Year: 3

Semester: Second semester

Subject type: Compulsory

Module:

1. General information

Infectious Diseases (ID) covers the general principles of diagnosing and treating infectious diseases. These conditions are among the main causes of illness, often serious but potentially curable. The course also delves into some of the most significant infectious diseases.

Geriatrics explores the aging process at both a personal level and within the social and family context. The course emphasizes comprehensive assessment and addresses specifically geriatric syndromes.

Emergency Medicine teaches the symptoms and signs of failure in vital organs and systems. It provides training to monitor patients' progress and their response to treatment.

Sustainable Development Goals (SDGs):

- **SDG 3:** Good Health and Well-being
- **SDG 5:** Gender Equality
- **SDG 16:** Peace, Justice, and Strong Institutions

2. Learning results

After completing the course, the student should be able to:

- Take a comprehensive medical history focused on infectious diseases, age-related conditions, and emergency situations.
- Clearly present the main differential diagnoses.
- Understand the diagnostic methods for these conditions.
- Know the therapeutic approaches for these diseases.

3. Syllabus

In each of the three subjects, the program addresses the specific mechanisms of illness onset, the recognition of major syndromes within the field, and their diagnostic and therapeutic approaches. It also examines the social and cultural factors that influence the incidence, prevalence, and expression of diseases. Each subject's curriculum focuses on the most prevalent disorders and those with a significant impact on individual health.

The detailed curriculum for each subject is available on the Faculty of Medicine's website.

4. Academic activities

The course is delivered through the following methods:

- **Theoretical lectures in large groups** (Type 1 Teaching)
- **Small group activities** involving case presentations, case analysis, and problem-solving (Type 2 Teaching)
- **Simulation exercises** (Type 3 Teaching)
- **Practical work** (Type 6 Teaching)

Depending on availability, short rotations in healthcare or social care institutions may also be included (Type 5 Teaching).

1. **Infectious Diseases (ID):** 15 hours of theoretical lectures and 15 hours of small group activities.
2. **Geriatrics:** 17 hours of theoretical lectures and 15 hours of small group activities. Depending on availability, 9 hours may be conducted in social care institutions.
3. **Emergency Medicine:** 15 hours of theoretical lectures, 5 hours of seminars, and 10 hours of workshops.

5. Assessment system

Infectious Diseases

- **Multiple-choice exam:** 30 questions (70% of the final grade) with 4 options and one correct answer. Incorrect answers deduct 0.25 points each.
- **Clinical problem-solving:** (20% of the final grade) assessed through similar questions.
- **Attendance and practical work in small groups:** (10% of the final grade). Mandatory attendance of at least 75% of the sessions.

Geriatrics

- **Multiple-choice exam:** 30 questions covering theoretical topics and seminars (90% of the final grade) with 5 options (one correct answer). Incorrect answers do not deduct points. A passing score, equivalent to 5 out of 10 points, is 18/30.
- **Small group attendance:** (up to 10% of the final grade) with mandatory 80% attendance and positive evaluation from the section supervisor.

Emergency Medicine

- **Fluid therapy seminar partial exam:** (10% of the final grade) consisting of 20 multiple-choice questions. Incorrect answers do not deduct points.
- **Final exam:** (90% of the final grade) consisting of:
 - a. Multiple-choice questions on workshops (10 questions, 10% of the final grade).
 - b. Clinical case questions (5 questions, 10% of the final grade).
 - c. Theoretical content questions (45 questions, 70% of the final grade). Multiple-choice questions with four options. Incorrect answers on the final exam deduct 0.33 points each.
- **Small group attendance:** Mandatory 80% attendance (requirement for taking the final exam) and continuous personalized evaluation.

Passing the Course

A passing grade of 5 or higher is required in each of the three subjects. There is no compensation between subjects. Passing grades are valid for the duration of the current enrollment period.

6. Sustainable Development Goals

3 - Good Health & Well-Being

5 - Gender Equality

16 - Peace, Justice and Strong Institutions