

25656 - Physiotherapy in Traumatology, Rheumatology, and Sports

Syllabus Information

Academic year: 2023/24

Subject: 25656 - Physiotherapy in Traumatology, Rheumatology, and Sports

Faculty / School: 127 - Facultad de Ciencias de la Salud

Degree: 605 - Degree in Physiotherapy

ECTS: 6.0

Year: 3

Semester: First semester

Subject type: Compulsory

Module:

1. General information

The general objective of the subject is that the student is able to establish, explain and carry out the assessment, the diagnosis, and to prescribe and apply a treatment within the context of a physiotherapeutic intervention in the specialties of traumatology, rheumatology and sport.

The specific objectives of the subject are:

- To know, describe and use the assessment methods in the specialties of traumatology, rheumatology and sport
- To know, describe and use the methods of clinical reasoning to establish the physiotherapy diagnosis in the specialties of traumatology, rheumatology and sport.
- To know, explain, prescribe and apply the different methods of physiotherapy intervention in the specialties of traumatology, rheumatology and sport.
- To know and use the scientific evidence of physiotherapeutic interventions in the specialties of traumatology, rheumatology and sports.

These approaches and objectives are aligned with the following Sustainable Development Goals (SDGs) of the United Nations Agenda 2030 (<https://www.un.org/sustainabledevelopment/es/>), so that the acquisition of the learning result of the subject provides training and competence to contribute to some extent to their achievement:

- Goal 3: Health and Wellness.

2. Learning results

In order to pass this subject, the students shall demonstrate they has acquired the following results:

1. -Indicates the concept and theoretical basis of clinical reasoning in traumatology, rheumatology and sports.
2. -Establishes the physiotherapy diagnosis through anamnesis, physical examination, functional evaluation and complementary tests in traumatology, rheumatology and sports.
3. -Describes and prescribes a physiotherapy intervention plan in traumatology, rheumatology and sport according to scientific evidence.

3. Syllabus

Thematic block I. General aspects of traumatology, physiotherapeutic competences in traumatology.

Thematic block II. Physiotherapy intervention plan for upper limb trauma.

Thematic block III. Physiotherapy intervention plan for lower limb trauma.

Thematic block IV. Intervention plan in physiotherapy in spinal trauma.

Thematic block V. General rheumatology, physiotherapeutic competences in rheumatology.

Thematic block VI. Physiotherapy intervention plan in rheumatologic processes.

Thematic block VII. General information about physiotherapy in sports.

Thematic block VIII. Assessment and differential diagnosis of sports pathology.

Thematic block IX. Physiotherapy intervention plan in sports pathology.

Thematic block X. General knowledge about complementary diagnostic imaging tests.

4. Academic activities

Participative master classes (10 hours).

The contents of the subject will be presented. Students participating in exchange programs or projects of cooperation will be

able to follow the theoretical classes by streaming.

Practical laboratory classes (45 hours).

They will be carried out in 4 groups. The students are arranged in pairs where one of them pretends to be a patient and the other a physiotherapist and put into practice the therapeutic methods and clinical reasoning explained.

Problem solving and case studies (5 hours).

They will be carried out in 2 groups. They include analysis, discussion and resolution of clinical cases.

Personal and group work of the student (90 hours).

It includes: study hours, skills training and tutoring.

5. Assessment system

Theoretical exam, 50% of the final grade. Completion of an objective test on all the content of the subject (theoretical, practical and problems and cases). Penalty of 0.25 points for wrong answers.

Clinical cases 20%. The resolution of clinical cases will be proposed in face-to-face problem solving activities and cases. The information on the case to be solved will be presented and will be elaborated by small groups in a face-to-face activity.

Students participating in exchange programs or cooperative projects will be able to resolve these activities via streaming.

Practical exam 30%. The exam will be on the content of skills and abilities developed in the laboratory practices. The grade for the practical exam will account for 30% of the final grade. It will be held on the same day as the official theoretical exam.

It is necessary to pass each of the parts separately.

For those students who have not completed the clinical case activity, a written developmental exam on a clinical case will be given in the official call. In the following calls the assessment will also be carried out through the written resolution of a clinical case.

For those students who cannot attend the official call of the theoretical exam (justified cause: personal or family health, federative activity) or for those who take the exam in other calls different that the first, the theoretical exam will include short development questions.