

25645 - General Pathology in Physiotherapy

Syllabus Information

Academic year: 2023/24

Subject: 25645 - General Pathology in Physiotherapy

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

Degree: 605 - Degree in Physiotherapy

ECTS: 6.0

Year: 1

Semester: Second semester

Subject type: Basic Education

Module:

1. General information

This subject is included in the disciplinary module: Medical-Surgical Conditions. Its purpose is to introduce the students to the knowledge of the pathological conditions suffered by the population; not only of the pathologies susceptible to treatment from the field of Physiotherapy, but also all those relevant in the context of the health-disease process that can condition the state of health and functional capacity of people.

The general objective is that the student, from the knowledge of its contents, will be able to explain the etiological agents, physiopathology and semiology of the main pathological entities, interpret the initial explorations, as well as justify the application of all this in the resolution of practical cases through clinical reasoning.

2. Learning results

At the end of the study of this subject, the student should demonstrate that:

1. Knows the general concepts related to health, disease and functioning.
2. Is able to identify the main etiological agents involved in the genesis of diseases.
3. Detects the warning signs and relate them to the underlying pathophysiological phenomenon.
4. Describes the characteristics and applications of disability assessment, applies the most common scales and identifies their differences.

3. Syllabus

THEMATIC BLOCK I: General Concepts

Unit 1. Concept of health, disease, functioning: Pathology. Semiology. Pathophysiology. Pathochrony.

THEMATIC BLOCK II: Etiological agents

Unit 2. Exogenous etiologic agents: mechanical-traumatic, physical, chemical and thermal agents.

Unit 3. Endogenous etiologic agents

Unit 4. Neoplasia, inflammation and edema

THEMATIC BLOCK III: Pathology by apparatus-systems

Unit 5. Locomotor system: bone, muscle, joint and tendon pathology

Unit 6. Nervous system

Unit 7. Cardiocirculatory system

Unit 8. Respiratory system

Unit 9. Digestive system

Unit 10. Nephro-urinary system

Unit 11. Endocrine system

Unit 12. Blood pathology

THEMATIC BLOCK IV: Life-threatening situations (basic and advanced support manoeuvres)

4. Academic activities

Training activities:

Theoretical Class (35 hours) (100% attendance). Explanatory and participative classes

Practical classes (25 hours) (100% attendance). In a demonstration room where learning will be carried out through problem solving and exercises, individually and in teams, applying the theoretical bases of the subject and the exercise of communication: case studies, critical reading and application of clinical reasoning in scientific publications, solving clinical problems/situations, establishing differential diagnosis in the face of diseases or pathological situations (differentiate relevant semiology, involving consequences in other systems, etc...), identify possible needs for physiotherapy intervention.

Autonomous work of the student (90 hours) (Attendance 0%).

5. Assessment system

The student must demonstrate achievement of the learning results by:

1. Final exam and progress tests (80%). It will be carried out by means of 4 short questions (1.25 points each) and 2 topics to develop (2.5 points each). Its duration is 60 minutes.
2. Resolution of problems, exercises and case studies (20%). Attendance, active and efficient participation, as well as the resolution of online activities will be evaluated. In case of failure to pass this evaluation, a practical exam will be taken. It is necessary to pass both parts in order to pass the subject.

The student will have the possibility of a continuous evaluation through the completion of 3 multiple-choice tests, of 40 minutes of duration, with 20 multiple-choice questions with 4 answer options and only 1 correct answer (Correct: 0.5 point; Not answered: 0 points; Failure: -0.10 point); 2 questions may appear from all previous subject matter taught. It is necessary to pass each exam of the continuous evaluation without the option to make up for it by passing another exam.

After the Official Call, a clinical case development test will be given to those students who wish to obtain Honour's Degree.

In case of illness of the student, hospitalization of the student or family member, death of a family member, or participation of a student in federated sports activities, the student may request to take the exam for the official call (and not for the continuous evaluation) on another day within the established evaluation period. It will be necessary to certify or accredit any of the mentioned conditions. The teacher in charge of the subject will determine the date of the exam and the model of the exam, which may be different from that of the official exam. For students participating in exchange programs or cooperation projects, specific evaluation systems will be established for the subjects taught during their stay.