

26013 - Surgical medical conditions I

Syllabus Information

Academic year: 2023/24

Subject: 26013 - Surgical medical conditions I

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

Degree: 276 - Degree in Occupational Therapy

ECTS: 10.0

Year: 2

Semester: Annual

Subject type: Compulsory

Module:

1. General information

At the end of this subject the students will have acquired the knowledge corresponding to the different pathologies and medical and surgical conditions, the causes, prevalence and treatments, related to the nervous and locomotor systems, especially those that generate disability.

This knowledge of the causes, clinical and epidemiological aspects, diagnostics and therapeutics of the different processes will allow access to the use and applications of specific occupational therapy techniques that are covered in other subjects.

2. Learning results

1. Acquire knowledge of general, nervous system and locomotor system morbid processes and medical-surgical pathology in the context of occupational therapy.
2. Assess the patient's needs by planning and developing the most appropriate individualized intervention programs for each pathological situation of the nervous and locomotor systems and apparatuses.
3. Apply appropriate treatments for occupational performance in institutional settings, home and work settings and in the pathologies of the systems studied.
4. Use the concepts and theories learned in relation to medical-surgical conditions in the different stages of life and in the different occupational areas.

3. Syllabus

UNIT I. GENERALITIES OF MEDICAL-SURGICAL CONDITIONS.

BLOCK 1. PATHOLOGY OF THE NERVOUS SYSTEM

UNIT II. CONGENITAL AND INFECTIOUS DISEASES OF THE CNS.

UNIT III. ENDOCRANIAL HYPERTENSION SYNDROMES. INTRACRANIAL TUMORS.

UNIT IV. MOTILITY PATHOLOGY. PYRAMIDAL SYSTEM. EXTRAPYRAMIDAL SYSTEM. SPINAL CORD . CEREBELLUM.

UNIT V. DISEASES OF THE PERIPHERAL NERVOUS SYSTEM AND CRANIAL NERVES.

UNIT VI. NEUROLOGICAL PATHOLOGY IN CHILDHOOD.

BLOCK 2. PATHOLOGY OF THE LOCOMOTOR SYSTEM

UNIT VII. INTRODUCTION TO THE PATHOLOGY OF THE LOCOMOTOR SYSTEM.

UNIT VIII. TRAUMATOLOGY. TRAUMATIC INJURIES.

UNIT IV. INFLAMMATORY AND INFECTIOUS PATHOLOGY OF THE LOCOMOTOR SYSTEM.

UNIT X. DISEASES DUE TO DEPOSITION. ENDOCRINOMETABOLIC OSTEOPATHIES. CONNECTIVOPATHIES.

UNIT XI. DEGENERATIVE AND TUMOR PATHOLOGY.

4. Academic activities

Theoretical classes in a large group (40 hours): 2 hours per week throughout the term.

Seminars on problem solving and case studies in groups (60 hours): 2 hours per week/group throughout the term.

Teaching assignments and other activities (45 hours): Activities related to the seminars and realization of a group work (4-5 students) that will be defended publicly on dates to be scheduled in advance.

Personal study and evaluation: 105 hours.

5. Assessment system

Seminar evaluation (30% of the final grade):

- Attendance (at least 85% of the sessions is mandatory).
- Active participation.
- Carrying out of the proposed activities.
- Preparation and presentation of group work.

The grade obtained in the evaluation of the seminars is saved during the same academic year.

Written tests (70% of the final grade)

- **Mid-term exams:** eliminatory mid-term exams will be held at the end of each block on the contents covered up to that moment, both in theoretical classes and in seminars.
- **Final exam:** In the first official call, of the contents of the entire subject for students who have not taken the mid-term exams and of the part/s not passed for those who have taken the mid-term exams. In the second official call examination of the contents of the entire subject (grades of midterm exams will not be saved).

In order to establish an average with the grade of the seminars, the exams of the subject must be passed.