

26819 - Visual Therapy and Rehabilitation

Syllabus Information

Academic year: 2023/24

Subject: 26819 - Visual Therapy and Rehabilitation

Faculty / School: 100 - Facultad de Ciencias

Degree: 297 - Degree in Optics and Optometry

ECTS: 6.0

Year: 3

Semester: Second semester

Subject type: Compulsory

Module:

1. General information

The subject and its expected results respond to the following approaches and objectives:

Detection of any visual problem susceptible to be improved through Visual Therapy. This specific evaluation should be aimed at a therapeutic intervention to improve the initial problem. For this purpose, the optometrist must be able to plan and carry out the appropriate optometric vision therapy program and then be able to verify the results after the program has been carried out.

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

Goal 3: Health and wellness

Goal 4: Quality education

2. Learning results

Upon completion of this subject, the student will be able to:

- Perform the necessary tests for the identification of a patient likely to benefit from a visual therapy or rehabilitation program.
- Design a specific rehabilitation protocol for each patient.
- Confirm, by means of the necessary tests, the improvement of the patient's visual system after rehabilitation.

The degree in Optics and Optometry must provide the necessary competences for the training and subsequent professional work of the Optometrist Optician. Visual Therapy and Rehabilitation is a field of optometry where it is necessary to train professionals who can meet the current health needs.

3. Syllabus

- Ocular development and detection of failures in the visual process.
- Previous optometric examination and diagnostic methods.
- Tests designed to carry out a visual therapy and rehabilitation program.
- Rehabilitation of strabismic and non-strabismic binocular anomalies.
- Learning problems derived from visual dysfunctions.
- Perception and learning difficulties Patients with special needs.
- Rehabilitation as a result of interdisciplinary work.

4. Academic activities

The program offered to the student to help them achieve the expected results includes the following activities:

Master Classes

Practical classes:

- Optometric tests for the assessment of visual efficiency
- Handling and knowledge of vision therapy material
- Tests to identify visual perception problems
- Resolution of clinical cases

5. Assessment system

The student must demonstrate achievement of the intended learning results through the following assessment activities:

1. Continuous assessment

- Theoretical and practical tests that will account for 10% of the final grade. In this case, practices are mandatory, and students can miss only one of them for this part to count in the grade. Two absences due to any reason means undergoing the global evaluation.
- The final exam will include the knowledge taught in both practical and theoretical classes of the subject . This exam will consist of a multiple-choice test and a written part, each of which will account for 50% of the same. This exam will account for 90% of the subject and a 4.5 will be necessary to add the previous 10%. If this is not the case, the grade of the final exam will be the one to appear in the records.

2. Final assessment.

- The final exam will include the knowledge taught in both practical and theoretical classes of the subject . This exam will consist of a multiple-choice test and a written part, each of which will account for 50% of the same. In this case, the exam will account for 100% of the grade for the subject.