COURSE DATA

DATA SUBJECT

Code: 34313
Name: Degree Final project
Cycle: Undergraduate Studies
ECTS Credits: 6
Academic year: 2025-26

STUDY (S)

Degree	Center	Acad. year	Period
1207 - Degree in Optics and Optometry	Facultat de Física	4	Indefinite (Individuals)

SUBJECT-MATTER

Degree	Subject-matter	Character
1207 - Degree in Optics and Optometry	Degree Final project in Optics and optometry	FINAL DEGREE PROJECT

COORDINATION

ORTI NAVARRO ALICIA SUSANA

SUMMARY

This is a compulsory subject in the fourth year of the degree, worth 6 ECTS credits, i.e., 150 hours of full-time student work, which, if completed, requires approximately 4 weeks of dedication. The objective of the final project is the study of a specific topic in Optics and Optometry, which may be transversal or specific. This final project , which will always be supervised by a university tutor, will allow for the understanding and practical application of the principles and methodologies of Optics and Optometry, as well as the acquisition of the skills and competencies described in the general objectives of the degree.

The thesis may be completed in the following ways:

i) Research thesis:

- Bibliographic research, delving into a specific topic not covered during the degree studies.
- Introduction to research: based on the study of a theoretical or experimental problem that requires experiments, measurements, or modeling.

ii) Clinical research work: work that can be linked to external internships and is based on population

studies. These studies, for practical application, may involve disease prevalence, clinical trials, population statistics, etc.

In any of the modalities, it is advisable to establish possible relationships between the objectives of the Final Degree Project and the Sustainable Development Goals (SDGs).

The research work may be submitted in English.

PREVIOUS KNOWLEDGE

RELATIONSHIP TO OTHER SUBJECTS OF THE SAME DEGREE

There are no specified enrollment restrictions with other subjects of the curriculum.

OTHER REQUIREMENTS

Students who wish to take the matter of Final Grade Work must have completed at least 180 ECTS of the degree.

COMPETENCES / LEARNING OUTCOMES

1207 - Degree in Optics and Optometry

Being able to gather and interpret relevant data to make judgments.

Being able to transmit information, ideas, problems and solutions to both a specialized and non-specialized audience.

Development of learning skills necessary to undertake further studies with a high degree of autonomy.

Knowing how to apply the knowledge acquired to professional activity, knowing how to solve problems and develop and defend arguments.

Knowledge and practical application of the principles and methodologies of Optics and Optometry, as well as the acquisition of the skills and competencies described in the general objectives of the degree.

To have and to understand the fundamentals of Optometry for its correct clinical and healthcare application.

To know the applicable legislation in professional practice, with special attention to matters of gender equality between men and women, human rights, solidarity, sustainability, protection of the environment and promotion of the culture of peace.

DESCRIPTION OF CONTENTS

1.TFG

The courses may be co-directed by a maximum of two tutors, one of whom must be a professor of the degree, who will be responsible for the assessment and follow-up of the course.

There are two options to address the issue of work:

i) On the initiative of the student, after choosing a topic to agree with a professor who teaches teaching in the degree and who will be the tutor,

ii) a list of topics proposed by the professors who teach in the degree. The offer includes at least the provisional title, the objectives, a brief description of the tasks to be carried out and the contact details.

The projects can be developed in institutions or companies external to the Faculty of Physics, but always within the framework of mobility programs. In all cases, the evaluation of the work is the responsibility of the Faculty of Physics.

Once the theme of the work is defined, the tutor and the student must agree on the development lines. The work tutor facilitates access to the basic documentation for the next performance. To formalize the registration, submit document 2 "Tutor's Commitment" student"(consult regulations for graduate work) sign by the tutor or tutors of the work and for the student, in which they have to briefly describe the objectives and methodology.

This document must be validated by the TFG Commission. The award of the subject of work and of the tutor must maintain two academic courses, passing the quals that a new award must be made. It is possible to request a change of subject from this term to the TFG Commission.

WORKLOAD

PRESENCIAL ACTIVITIES

Activity	Hours
Attendance at supplementary activities	0,00
Monitoring and tutoring of the bachelor's thesis	4,80
Presentation and defence of the bachelor's thesis	1,00
Total hours	**5,80**

NON PRESENCIAL ACTIVITIES

Activity	Hours
Independent preparation of the bachelor's thesis	135,20
Preparation of the bachelor's thesis project	9,00
Total hours	**144,20**

TEACHING METHODOLOGY

The student will work alone in a research project focused and directed by his tutor.

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EVALUATION

The descriptive report of the project must be approximately 20 to 30 pages long (an additional 5 pages with appendices may be added) and can be written in an official UVEG language (Valencian or Spanish) or in English. It must contain at least the following sections:

o A cover page with the student's title and name (see final degree project regulations).
o Abstract (in an official UVEG language and in English) o Introduction and premises of the project.
o Methodology
o Development and results of the project with a critical analysis o Conclusions (in an official UVEG language and in English)
o Bibliography

The project will be evaluated by a committee made up of lecturers who teach in the degree program (Bachelor's Degree in Optics and Optometry). For certain topics, the inclusion of an expert from another institution may be requested.

Each evaluation committee is made up of three members and three alternates appointed by the Final Degree Project Committee. Under no circumstances may the tutor of a thesis be part of the committee responsible for its evaluation.

Each committee may evaluate up to a maximum of six projects per session. The student must orally defend their project, publicly and in person, and must do so in one of UVEG's official languages. The presentation will last a maximum of 15 minutes, during which the student must explain the objectives, methodology, content, and conclusions of their project. After the presentation, the student must respond to questions, clarifications, comments, and suggestions submitted by the committee members. This discussion may last a maximum of 45 minutes.

The deadlines for submitting the project and its reading will be announced in due time and with sufficient notice.
Unless otherwise specified, students must submit their project electronically through the website at least seven days before the project defense date. Before the date set for the presentation and defense of the final degree project, the tutors must submit to the evaluation committee, within the specified period, an assessment report on the student's work (see document no. 4 included in the regulations).

After the student's presentation and reviewing the report prepared by the tutor(s), the committee must deliberate on the appropriate grade. To obtain the student's grade, the committee takes into account, among other things, the following aspects of the student's report and oral presentation:

- Adequate bibliographical documentation.
- Methodology.
- Scientific argumentation: reasoning based on concepts and principles of optics and optometry.
- Critical analysis of the results.
- Precision, coherence, and clarity.

In the final grade, the oral defense accounts for 40% and the memory accounts for 60%, taking into account the assessments of the tutor and the members of the evaluation committee (see attached document no. 4: TFG Tutor's Report). This grade must be communicated generally through the evaluation minute.

If the student receives a failing grade, the committee must send a report to the student and tutor with appropriate recommendations for improving the work and its subsequent evaluation.

Work with a plagiarism index greater than 50%, as determined using the detection tools available in the Virtual Classroom, will be automatically considered failing.

The second evaluation will maintain the same evaluation criteria as the first.

REFERENCES

- NORMATIVA DE TRABAJO FIN DE GRADO DE LA UNIVERSITAT DE VALENCIA