

**COURSE DATA****Data Subject**

Code	43882
Name	Master's final project
Cycle	Master's degree
ECTS Credits	12.0
Academic year	2021 - 2022

Study (s)

Degree	Center	Acad. Period year
2175 - Master's Degree in Advanced Optometry and Vision Sciences	Faculty of Physics	1 First term

Subject-matter

Degree	Subject-matter	Character
2175 - Master's Degree in Advanced Optometry and Vision Sciences	18 - Master's final project	End Labour Studies

Coordination

Name	Department
FURLAN, WALTER DANIEL	280 - Optics and Optometry and Vision Sciences

SUMMARY

Making work basic or clinical research in the field of vision sciences or a comprehensive literature review of a topic related to the subject area of the Master.

PREVIOUS KNOWLEDGE**Relationship to other subjects of the same degree**

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



Other requirements

For presentation and defense of this it must overcome all other subject-matters of the teaching program of the Master.

COMPETENCES (RD 1393/2007) // LEARNING OUTCOMES (RD 822/2021)

2175 - Master's Degree in Advanced Optometry and Vision Sciences

- Students should apply acquired knowledge to solve problems in unfamiliar contexts within their field of study, including multidisciplinary scenarios.
- Students should be able to integrate knowledge and address the complexity of making informed judgments based on incomplete or limited information, including reflections on the social and ethical responsibilities associated with the application of their knowledge and judgments.
- Students should communicate conclusions and underlying knowledge clearly and unambiguously to both specialized and non-specialized audiences.
- Students should demonstrate self-directed learning skills for continued academic growth.
- Students should possess and understand foundational knowledge that enables original thinking and research in the field.
- Know how to work in multidisciplinary teams reproducing real contexts and contributing and coordinating their own knowledge with that of other branches and participants.
- Participate in, lead and coordinate debates and discussions, be able to summarize them and extract the most relevant conclusions accepted by the majority.
- Use different presentation formats (oral, written, slide presentations, boards, etc.) to communicate knowledge, proposals and positions.
- Proyectar sobre problemas concretos sus conocimientos y saber resumir y extraer los argumentos y las conclusiones más relevantes para su resolución.
- Tener capacidad de análisis crítico de la información especializada en los ámbitos propios del máster.
- Tener un compromiso ético y responsabilidad social, tanto en lo que compete a la componente asistencial ligada a la profesión de óptico-optometrista como a lo que respecta a la investigación clínica.
- Tener capacidad de trabajo en equipos multidisciplinares en el área de las ciencias de la salud.
- Conocer la legislación aplicable en el ejercicio profesional, con especial atención a las materias de de igualdad de género entre hombre y mujeres, derechos humanos, solidaridad, protección del medio ambiente y fomento de la cultura de la paz.



LEARNING OUTCOMES (RD 1393/2007) // NO CONTENT (RD 822/2021)

Knowing how to perform a study of basic type, clinical or literature review on a topic of vision science.

DESCRIPTION OF CONTENTS

1. MASTER'S FINAL PROJECT

The aim of this work is the study of a particular topic of Optometry and may be transverse or specific. This work, which will always be supervised by a college tutor, it will provide knowledge and practical application of the principles and methodologies of Optometry, and the acquisition of skills and competencies described in the general objectives of the title.

It will be done in the following ways:

Research work:

- Bibliographical research, delving into a specific topic not developed during the master studies.
- Introduction to research: study from a theoretical or experimental problem to be performing experiences, measures or modeling.

Clinical research work:

- Work which can be linked to external practices and studies based on populations. These studies, practical application, may be of pathological prevalence of trials clinical, population statistics, etc.

WORKLOAD

ACTIVITY	Hours	% To be attended
Graduation project		100
*Realización del Trabajo Fin de Máster	275,00	0
Seguimiento i tutorización del Trabajo Fin de Máster	23,00	0
Presentación y defensa del Trabajo Fin de Máster	2,00	0
TOTAL	300,00	

TEACHING METHODOLOGY

Individualized tutoring: to be conducted both in person or online through the mechanisms offered by the Virtual Classroom of the University of Valencia.

Work of student: project development, working memory or clinical cases and their writing and oral presentation of it with the support of audiovisual media to consider the pupil or student.



EVALUATION

Memory assessment Master's Thesis and its presentation and tribunal defense appointed for that purpose

REFERENCES

Basic

- Sierra, R. TESIS DOCTORALES Y TRABAJOS DE INVESTIGACION CIENTIFICA. Editorial Paraningo, 1998.
- Senra Varela, A. LA TESIS DOCTORAL DE MEDICINA. Editorial Díaz de Santos, Madrid, 2008.
- Faus F, Santainés E. BÚSQUEDAS BIBLIOGRÁFICAS EN BASES DE DATOS. PRIMEROS PASOS EN INVESTIGACIÓN EN CIENCIAS DE LA SALUD + ACCESO ONLINE. Editorial Elsevier, 2013.
- García J, Jiménez F, Arnau M, Ramírez Y, Lino L. INTRODUCCIÓN A LA METODOLOGÍA DE LA INVESTIGACIÓN EN CIENCIAS DE LA SALUD. Editorial MCGRAW HILL, 2011.
- Rial, A. ESTADÍSTICA PRÁCTICA PARA LA INVESTIGACIÓN EN CIENCIAS DE LA SALUD. Editorial NETBIBLO, 2008.

ADDENDUM COVID-19

This addendum will only be activated if the health situation requires so and with the prior agreement of the Governing Council

English version is not available