COURSE DATA

Data Subject	
Code	43882
Name	Master's final project
Cycle	Master's degree
ECTS Credits	12.0
Academic year	2022 - 2023

Study (s)

Degree	Center	Acad. year	Period
2175 - M.U. en Optometría Avanzada y Ciencias de la Visión 13-V.2	Faculty of Physics	1	First term

Subject-matter

Degree	Subject-matter	Character
2175 - M.U. en Optometría Avanzada y Ciencias de la Visión 13-V.2	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.

OUTCOMES

2175 - M.U. en Optometría Avanzada y Ciencias de la Visión 13-V.2

- Students can apply the knowledge acquired and their ability to solve problems in new or unfamiliar environments within broader (or multidisciplinary) contexts related to their field of study.
- Students are able to integrate knowledge and handle the complexity of formulating judgments based on information that, while being incomplete or limited, includes reflection on social and ethical responsibilities linked to the application of their knowledge and judgments.
- Students can communicate their conclusions, and the knowledge and rationale underpinning these, to specialist and non-specialist audiences, clearly and unambiguously.
- Students have the learning skills that will allow them to continue studying in a way that will be largely self-directed or autonomous.
- Students have the knowledge and understanding that provide a basis or an opportunity for originality in developing and/or applying ideas, often within a research context.
- Know how to work in multidisciplinary teams reproducing real contexts and contributing and coordinating their own knowledge with that of other branches and participants.
- Participar en debates y discusiones, dirigirlos y coordinarlos y ser capaces de resumirlos y extraer de ellos las conclusiones más relevantes y aceptadas por la mayoría.
- Utilizar las distintas técnicas de exposición -oral, escrita, presentaciones, paneles, etc- para comunicar sus conocimientos, propuestas y posiciones.
- Proyectar sobre problemas concretos sus conocimientos y saber resumir y extractar 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

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.