COURSE DATA

Data Subject	
Code	43881
Name	External internships
Cycle	Master's degree
ECTS Credits	6.0
Academic year	2021 - 2022

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	17 - External internships	External Practice

Coordination

Name	Department
BUENO GIMENO, INMACULADA	280 - Optics and Optometry and Vision Sciences

SUMMARY

The External internships introduce students to clinical practice in a proper working environment for these activities. For it will perform in the external clinical centers to the University, in clinics or hospitals where the activities are developed Optometrist with other multidisciplinary activities serving the working hours of these centers. These clinical centers can be located in the vicinity of the University of Valencia or other student closer to home places. Previously these clinical centers must have signed an agreement with the University of Valencia for the development of these clinical practices.

PREVIOUS KNOWLEDGE

Relationship to other subjects of the same degree

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

Other requirements

OUTCOMES

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

- 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 extractar los argumentos y las conclusiones más relevantes para su resolución.
- To know the different protocols of action depending on the patient.
- To know the indications and procedure for carrying out and interpreting the complementary tests necessary in the vision consultation.
- To encourage collaboration with other healthcare professionals.
- 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.
- Aplicar los conocimientos adquiridos en los módulos anteriores en centros clínicos multidisciplinares y hospitales.

LEARNING OUTCOMES

The result of these professional internships is able to apply the knowledge gained in the previous modules in clinics and hospitals. For this clinical activities related to the latest developments in refraction, visual examination, contact lens fitting, vision training, low vision, etc. are made

The student will know the different protocols and patient care based.

To know the work environment of clinical centers of vision.

DESCRIPTION OF CONTENTS

1. EXTERNAL INTERNSHIPS

The students should carry out:
- New techniques of refraction, visual examination, contact lenses fitting, low vision and visual training.

WORKLOAD

ACTIVITY	Hours	% To be attended
Internship		100
Development of individual work	30,00	0
Internship	150,00	0
TOTAL	**180,00**	

TEACHING METHODOLOGY

In external internships the student stay temporarily integrated into multidisciplinary medical centers and hospitals area clinical care and vision-related problems.

EVALUATION

Continuous assessment of the clinical activity by the external and the academic tutors.

Presentation of a justifying memory of the work done by the student during the internship period, which will be reviewed and evaluated by the academic tutor. The report must be carried out by the student autonomously, and must contain the detailed analysis of three clinical cases evaluated during the practical period.

Presentation and discussion of a clinical case in front of the academic tutor.

The final grade will be 40% the grade corresponding to the external tutor and 60% that of the academic tutor.

At all times, the indications of the External Practices Regulation of the Master in Advanced Optometry and Vision Sciences will be followed.

REFERENCES

Basic

- Carson, N B. Procedimientos clínicos en el examen visual. Editorial Ciagami, 1994.
- Menezo JL, España E. Técnicas exploratorias en Oftalmología. Espaxs, 2006
- Solans Barri T, Garcia Sánchez J. Refracción ocular y baja visión. Edita SEO, 2003
- Antonio López Alemany. Optometría Pediátrica. Ed Ulleye, 2004.
- A.A. Rosenbloom, M.W. Mogan. Vision and aging. Ed. Butterworth-Heinemann, 1992.
- Montés-Micó, Robert (editor). Optometría. Principios básicos y aplicación clínica. Elsevier, 2011.
- Montés-Micó, Robert (editor). Optometría: Aspectos avanzados y consideraciones especiales. Elsevier, 2011.

Additional

- Jack J. Kanski. Oftalmología Clínica. Elsevier España SA.
- Jack J. Kanski, Ken K. Nischal. Atlas de Oftalmología. Elsevier España SA.

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