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Master's degree in Vision Science Research

UNIVERSITY OF VALLADOLID (UVA)

COMPLUTENSE UNIVERSITY OF MADRID (UCM)

TERRASSA SCHOOL OF OPTICS AND OPTOMETRY (FOOT)

UNIVERSITY OF ALCALÁ (UAH)

UNIVERSITY OF MURCIA (UM)

The master's degree in Vision Science Research offers comprehensive training that combines biological, physical-optical, neurophysiological and clinical aspects to complement basic and clinical education in vision science.

It is also designed for students who wish to pursue a research or academic career in vision science, which requires undertaking doctoral studies. Graduates may continue in academia or find a job in optical practices, hospitals, clinics and private ophthalmology centres.

GENERAL DETAILS

Duration and start date

1 academic year, 60 ECTS credits. Starting September

Timetable and delivery

Face-to-face

Fees and grants

Approximate fees for the master's degree, **excluding other costs** (does not include non-teaching academic fees and issuing of the degree certificate):

€1,162 (€2,700 for non-EU residents).

[More information about fees and payment options](#)

[More information about grants and loans](#)

Language of instruction

Spanish

Information on [language use in the classroom and students' language rights](#).

ADMISSION

General requirements

[Academic requirements for admission to master's degrees](#)

Specific requirements

This master's degree is intended primarily for graduates in biomedical fields such as Medicine, Optics and Optometry, Nursing, Biology, Veterinary Science and Biomedical Engineering, as well as in Biochemistry, Biotechnology and Computer or Telecommunications Engineering.

Admission criteria

Spanish level B2 according to the Common European Framework of Reference for Languages (CEFR), except for students whose native language matches the language of instruction. Students who have completed upper secondary education

or have an equivalent qualification in the language of instruction of the master's degree are exempt from this requirement.

Places

60 places (10 in the UPC)

Pre-enrolment

To enrol for an interuniversity master's degree coordinated by a university other than the UPC, you must enrol through the coordinating university:

<https://www.upc.edu/content/>

Legalisation of foreign documents

All documents issued in non-EU countries must be [legalised and bear the corresponding apostille](#).

PROFESSIONAL OPPORTUNITIES

Professional opportunities

- Doctoral studies in optics, optometry, ophthalmology and photonics
- Research in universities and research centres
- Technological development in R&D departments in the fields of optics, optometry, ophthalmology and photonics

Competencies

Generic competencies

Generic competencies are the skills that graduates acquire regardless of the specific course or field of study. The generic competencies established by the UPC are capacity for innovation and entrepreneurship, sustainability and social commitment, teamwork, proper use of information resources, knowledge of a foreign language (preferably English) and gender perspective.

- Plan, carry out and analyse biomedical research in vision science using appropriate techniques and methodologies for solving experimental problems.
- Develop critical thinking, scientific ethics and effective communication skills for diverse audiences.
- Work as part of a team.
- Continuously update one's knowledge.
- Be confident in using English as a language of scientific communication.
- Apply creativity to generate innovative proposals in vision science.

ACADEMIC ORGANISATION

UPC school

[Terrassa School of Optics and Optometry \(FOOT\)](#)

[Complutense University of Madrid \(UCM\)](#)

[University of Alcalá \(UAH\)](#)

[University of Murcia \(UM\)](#)

[University of Valladolid \(UVa\)](#)

Academic calendar

[General academic calendar for bachelor's, master's and doctoral degrees courses](#)

Academic regulations

[Academic regulations for master's degree courses at the UPC](#)