

MASTER IN HEALTH & SCIENCE MANAGEMENT

Organized by

UAB
Universitat Autònoma
de Barcelona

 Facultat
Biociències
UAB

 **VHIO**
VALL D'HEBRON
Institut
d'Oncologia

OUR MISSION

The master's academic program has been designed to fully prepare students to accomplish all the aspects related to the management of scientific research. Through a series of core courses, participants will learn and develop all the integral and transversal competencies of a scientific manager, including strategic planning, communication skills and leadership abilities to facilitate a successful transition into the professional world.

OUR VISION

The master's degree in Health & Science Management is a new and innovative learning itinerary developed in collaboration with Vall d'Hebron Institute of Oncology (VHIO). Participants will gain a 360-degree view of the scientific management ecosystem in research organizations, with a specific focus in biomedicine, and develop a strategic vision to advance the long-term scientific vision of research institutions.



MASTER IN HEALTH & SCIENCE MANAGEMENT

Courses are taught by highly-skilled professors with a long-track record of teaching, management and research in public and private institutions at the national and international level.

The program will follow a hybrid format, combining online sessions with in-person lectures and activities at the Universitat Autònoma de Barcelona's campus in Bellaterra. Moreover, students are supported by a wide range of online resources, personalized mentorship sessions, as well as library and meeting rooms to perform group assignments.

Directors

Mercè Martí Ripoll
Alejandro Piris Gimenez

Duration

Master:
10/10/2022 - 15/09/2023
Diploma:
10/10/2022 - 15/06/2023

ECTS Credits

Master: 60 ECTS
Diploma: 30 ECTS

Class Schedule

Tuesdays & Thursdays
15:00 - 20:20 h

Language

English

Itineraries

Itinerary A: Master
Modules 1-7

Itinerary B: Diploma
Modules 1-4

Modality

Blended Learning
(on-site & on-line)

OBJECTIVES

- 1 Give students a broad and multidisciplinary view to develop a solid basis of scientific management__
- 2 Train students in the use of advanced tools and skills to support continuous improvement and career development in health & science management__
- 3 Help students develop critical and strategic thinking and acquire leadership abilities__
- 4 Offer students hands-on scientific management experience through our internship program at partner research institutions__

CAREER OPPORTUNITIES

- Scientific/ strategy manager
- Expert in project management
- Technology transfer manager
- Scientific strategic departments
- Expert in scientific communication/dissemination
- Scientific management units at biotech companies

STUDENT PROFILE

The Master in Health & Science Management is aimed at:

- Students with a degree in Biosciences or related disciplines.
- Post-graduate & Post-Doctoral students with high interest in health & science management.
- Professionals who want to become scientific managers.



Combine your studies with your professional and personal life.



Up-to-date content to ensure maximum quality.



Virtual Campus available 24 hours a day.



Team work empowerment and strategic skills development.

ACADEMIC PROGRAM

Itinerary A

Master - 60 ECTS
Modules 1-7; Final Thesis

Itinerary B

Diploma - 30 ECTS
Modules 1-4; Final Thesis

1

UNDERSTANDING THE HEALTH SYSTEM AND ITS RESEARCH NEEDS

- Our health research environment - Bird's eye view
- Types of health research institutions & hospitals
- Health research system in Spain
- International health research programs

6 ECTS

2

HOW WILL WE LAND OUR IDEA INTO A PROJECT? & COMPETENCIES TO BECOME A SCIENTIFIC MANAGER

- The scientific manager
- Self - Evaluation and exploratory steps
- Let's go for it! Structure of the project
- How to develop a proposal
- How to Manage a project
- Entrepreneurship
- Empowerment & leadership
- Teamwork skills & Conflict resolution

9 ECTS

3

KEY PATHWAYS TO VALORISE RESEARCH OUTCOMES

- Intellectual & Industrial property
- Licensing strategy
- Innovation
- Impact

6 ECTS

4

ETHICAL STANDARDS, LEGAL & REGULATORY ISSUES

- Research & Ethics
- Research with animal models
- Regulatory aspects of preclinical & clinical research
- Data management
- Patients & Research

6 ECTS

5

SCIENCE COMMUNICATION & DISSEMINATION

- Scientific publications
- Scientific communication & dissemination
- Communication skills

6 ECTS

6

INSTITUTIONAL STRATEGY & MANAGEMENT

- The Research institution
- Institutional bodies
- Building multidisciplinary working structures
- Institutional initiatives & strategy

6 ECTS

INTERNSHIP

We are committed to foster the participation of students in the internship program. Students will be able to apply all the skills and knowledge acquired in key institutions of international research excellence, and will have the opportunity to learn from and work hand in hand with outstanding professionals of the research ecosystem. This is a master's program for everyone who wishes to take a step forward and learn pivotal skills for science management.

Internship centres:



And many more...

Contact info:

- coordinacio.master.hsmanagement@uab.cat
- [Link with more information](#)