

# Master`s Thesis

**MASTER'S DEGREE IN INTEGRATIVE SYNTHETIC BIOLOGY**

***UNIVERSIDAD INTERNACIONAL MENÉNDEZ PELAYO***

This document can be used as reference documentation of this subject for the application for recognition of credits in other study programmes. For its full effect, it should be stamped by UIMP Student's Office.



## GENERAL DATA

### Name

Master`s Thesis

### Code

102632

### Academic year

2024-25

### Degree

[MASTER'S DEGREE IN INTEGRATIVE SYNTHETIC BIOLOGY](#)

### ECTS Credits

30

### Type

TRABAJO DE FIN DE MÁSTER

### Duration

Duracion A

### Language

# COMPETENCES

## General competences

CG3 - Contribute to developing new ideas (models or hypotheses, strategies, methodologies or combinations thereof) in the field of Integrative Synthetic Biology.

CG6 - Contribute to ongoing research, expanding knowledge in the field of Integrative Synthetic Biology, with the possibility of being published in the same way as professional researchers communicate their scientific undertakings.

## Transversal competences

CT1 - Prepare, write and publicly defend scientific and technical reports.

CT2 - Work in multidisciplinary teams.

CT3 - Develop independence and effectiveness in daily research.

CT4 - Boost motivation for scientific research.

## Specific competences

CE5 - Direct and competently develop experimental work in a research lab for structural and chemical biology, molecular and cell biology, environmental biology and molecular and cellular medicine.

CE6 - Use experimental methodologies and associated instruments used in the field of research into Integrative Synthetic Biology.

# LEARNING PLAN

## Training activities

Training activity	Hours*	% On site
TA6.-Preparation and defence of the master's thesis	750	5
<b>TOTAL</b>	<b>750</b>	

## Teaching methods

M3 Tutorials

# EVALUATION

## Evaluation system

Evaluation systems	Minimum rate	Maximum rate
E2 Evaluation of the master's thesis memoir	30	50
E6 Report from the master's thesis supervisor	10	15
E7 Evaluation of the master's thesis defence	40	60

## FACULTY

### Coordinator/s

**Martín Santamaría, Sonsoles**

*Doctora en Farmacia.*

*Científico Titular.*

*Centro de Investigaciones Biológicas CIB-CSIC.*

**Otero Muras, Irene**

*Doctora por la Universidad de Vigo. Ingeniera Química .*

*Científica Titular CSIC (funcionaria).*

*Instituto de Biología Integrativa de Sistemas (UV-CSIC).*

**Barriuso Maicas, Jorge**

*Doctor.*

*Joven Investigador Principal / Biotecnología Microbiana.*

*Centro de Investigaciones Biológicas (CIB-CSIC).*

**Rivas Caballero, Germán Alejandro**

### Lecturers

**Díaz Fernández, Eduardo**

*Doctor en Ciencias Biológicas.*

*Investigador Científico (Biología y Biomedicina)*

*Centro de Investigaciones Biológicas (CSIC)*

**García Ruiz, Eva**

*Doctora en Biología.*

*Programa Atracción de Talento Investigador de la Comunidad de Madrid.*

*Instituto de Catálisis y Petroleoquímica, CSIC.*

**Monterroso Marco, Begoña**

*Dr. En Farmacia.*

*Investigador contratado (Biología y Biomedicina).*

*CIB (CSIC).*