

**Master's Dissertation**

Code: 42939  
ECTS Credits: 9

Degree	Type	Year	Semester
4313775 Applied Microbiology	OB	0	2

**Contact**

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**Teachers**

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Daniel Yero Corona

Antonio Solé Cornellá

Susana Campoy Sánchez

Esther Julián Gómez

José Luis Corchero Nieto

Jesús Aranda Rodríguez

**Use of languages**

Principal working language: catalan (cat)

**Prerequisites**

Have completed a minimum of 30 ECTS corresponding to the modules of the first semester of the Master's in Applied Microbiology.

**Objectives and Contextualisation**

Preparation and public defense of a Master's Final Project (TFM) on a subject related to microbiology where the student will integrate the knowledge, skills and competences acquired in the master's degree.

## Content

The TFM is an autonomous work that aims to integrate the knowledge, abilities and competences acquired in the master's degree.

The student can choose between two types of TFM, a proposal for a research project or a scientific review article.

### 1) Proposal for a research project

It will consist in the elaboration of a written basic or applied research project with a structure similar to that of the R + D + i projects. It will contemplate the following sections:

- A) Title and author
- B) Summary / Abstract
- C) Background and current state of the subject
- D) Formulation of the problem and reasons that justify the relevance of the proposed research
- E) Starting hypothesis
- F) General objectives and specific objectives
- G) Methodology
- H) Work plan
- I) Expected results and relevance of the same
- J) Bibliography

### 2) Scientific review article

It will consist in the elaboration of a scientific article that will have the following objectives: i) update the knowledge about a topic of interest in the microbiological field, ii) discuss the most relevant advances made in the subject and iii) discuss the future prospects for progress. It will contemplate the following sections:

- A) Title and author
- B) Summary / Abstract
- C) Introduction
- D) State of the art
- E) Conclusions and future perspectives
- F) Bibliography
- G) Annexe (optional) Methodology

#### Written report of the TFM

The memory of the TFM will have a maximum extension of 10,000 words (including annexes and bibliography). It will consist of the aforementioned sections and may be written in Spanish, Catalan or English.

#### Public defense of the TFM

The student will present their TFM before an evaluation board and the members of the court will be able to discuss with the student the aspects that they deem appropriate. The defense will be public and can be done in Catalan, Spanish or English.