COURSE DATA

DATA SUBJECT

Code: 46474
Name: Master's final project
Cycle: Master's Degree
ECTS Credits: 30
Academic year: 2026-27

STUDY (S)

Degree	Center	Acad. year	Period
2251 - Master¿s Degree in Virology	Facultat de Ciències Biològiques	1	Indefinite (Individuals)

SUBJECT-MATTER

Degree	Subject-matter	Character
2251 - Master¿s Degree in Virology	Master's final project	MASTER THESIS PROJECT

COORDINATION

SANJUAN VERDEGUER RAFAEL

CUEVAS TORRIJOS JOSE MANUEL

SUMMARY

Since the Master in Virology is aimed to train researchers, it is essential that the TFM is extensive (30 ECTS) and provides a practical training that will allow students to continue their doctoral studies or other scientific or technical activities in the future. A wide range of laboratories from the departments promoting the Master, collaborating research centers, as well as hospitals, technological centers and interested companies are available for carrying out the TFM. The TFMs will necessarily be tutored by professors of the Master at the Universitat de València. However, the scientific supervision of the TFM will be made by a researcher either at the Universitat de València or at collaborating centers. The TFM will consist of the following activities:

- Development of an original theoretical, experimental or mixed research work approved by the tutor and the scientific supervisor.
- Preparation of a report describing the research work performed by the student, including background, objectives, methodology, results and discussion sections.
- Presentation and defense of the work by the student in the presence of an evaluation panel.

PREVIOUS KNOWLEDGE

RELATIONSHIP TO OTHER SUBJECTS OF THE SAME DEGREE

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

OTHER REQUIREMENTS

In order to carry out the TFM, students must have passed or be taking the rest of the subjects of the master's degree.

COMPETENCES / LEARNING OUTCOMES

2251 - Master¿s Degree in Virology

Learn how to formulate hypotheses and scientific models related to virology, as well as to design, execute and analyze experiments aimed at contrasting these hypotheses.

Learn how to work in multidisciplinary teams constituted byspecialists with heterogeneous backgrounds.

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 possess and understand foundational knowledge that enables original thinking and

research in the field.

To achieve an integrative knowledge, drawing general conclusions from specific case studies, transferring conclusions to other speciality areas and establishing connections between different subjects.

To analyze scientific evidence in an objective, quantitative and rigorous way, through deductive and constructive reasoning.

To combine theoretical contents with their practical application and appreciate the importance of both fundamental and applied knowledge.

To communicate scientific results through the elaboration of reports, articles and oral presentations.

To develop communication skills and use a language appropriate to the profile of the interlocutor.

To develop creative thinking aimed at the search for new applications in virology.

To develop critical thinking, identifying the limits and biases of knowledge in the field of specialization.

To explore and value the socio-economic implications of the field of specialization.

To master different methods in virology, their scope of application, their advantages and disadvantages and their complementarity for problem solving, both from a theoretical and practical point of view.

To understand natural processes relevant to the field of specialization.

DESCRIPTION OF CONTENTS

WORKLOAD

PRESENCIAL ACTIVITIES

Activity	Hours
Attendance at supplementary activities	0,00
Monitoring and tutoring of the master's thesis	624,00
Presentation and defence of the master's thesis	1,00
Total hours	**625,00**

NON PRESENCIAL ACTIVITIES

Activity	Hours
Independent preparation of the master's thesis	15,00
Preparation of the master's thesis project	110,00
Total hours	**125,00**

TEACHING METHODOLOGY

The TFM is based on the use of different teaching/learning activities including:

- Autonomous revision and study of materials and contents by the students.
- Bibliographic review and synthesis by the students.
- Research activities to be carried out under the supervision of an investigator.
- Tutorials performed by the academic tutor.

EVALUATION

The TFM will be assessed by an evaluation panel composed of a president and two members as well as their alternates, without the candidate's tutor being a member of the panel.

This panel will jointly consider the tutor's report on the work developed by the student, the quality and content of the written report, and the quality of the oral presentation and defense.

The use of Valencian or English in the writing and/or defense of the TFM will be accepted.

It is reminded that it will not be possible to decline a grade once published.

REFERENCES