COURSE DATA

DATA SUBJECT

Code: 46473
Name: Seminars and Scientific Conferences
Cycle: Master's Degree
ECTS Credits: 3
Academic year: 2026-27

STUDY (S)

Degree	Center	Acad. year	Period
2251 - Master¿s Degree in Virology	Facultat de Ciències Biològiques	1	Annual

SUBJECT-MATTER

Degree	Subject-matter	Character
2251 - Master¿s Degree in Virology	Seminarios y Jornadas Científicas	COMPULSORY

COORDINATION

DOMINGO CALAP PILAR

SUMMARY

`Seminars and Scientific Conferences' is a compulsory subject in the Master in Virology at the Universitat de València. This subject is integrated in the module "Research in Virology", together with the Master's Thesis. On the one hand, 'Seminars and Scientific Conferences' will allow to deepen in current issues, scientific relevance or social impact through lectures given by experts in different areas of virology. These conferences will be connected with the Master's program, although they will not overlap with it. The aim is to bring students closer to the current scientific developments in the field of virology. On the other hand, students will prepare their own seminars, thus developing their ability to deepen their knowledge of a specific topic, communication and teamwork. This part of the course will allow the critical discussion of scientific results and at the same time the learning of the different ways of communication of scientific results.

PREVIOUS KNOWLEDGE

RELATIONSHIP TO OTHER SUBJECTS OF THE SAME DEGREE

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

OTHER REQUIREMENTS

No specific prior knowledge is required, beyond that necessary to access the Master's program.

COMPETENCES / LEARNING OUTCOMES

2251 - Master¿s Degree in Virology

Approach the same virological process from different angles, such as mechanistic, evolutionary, biomedical and biotechnological.

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

Place the specialty in the context of other fields and general knowledge.

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 demonstrate self-directed learning skills for continued academic growth.

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 develop critical thinking about the social, economic, ethical or philosophical implications of a given knowledge in virology.

To understand natural processes relevant to the field of specialization.

DESCRIPTION OF CONTENTS

1. Seminars

Virology seminars given by research personnel, including invitations from external personnel.

2. Science workshop

Virology talks in which students will participate as speakers presenting a given topic in virology (posters or conferences as a congress or scientific meeting) and as evaluators of the work (peer review).

WORKLOAD

PRESENCIAL ACTIVITIES

Activity	Hours
Theory	30,00
Total hours	**30,00**

NON PRESENCIAL ACTIVITIES

Activity	Hours
Attendance at other activities	0,00
Individual or group project	21,00
Independent study and work	21,00
Preparation of lessons	0,00
Preparation for assessment activities	0,00
Resolution of case studies	0,00
Total hours	**42,00**

TEACHING METHODOLOGY

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

- **Attendance to seminars and conferences given by expert**s. Students will attend seminars and lectures given by experts. Most of the seminars will be face-to-face, unless some of the international speakers conduct the seminars online. In any case, attendance to the seminars will be mandatory. The active participation of students will be positively valued.

- **Preparation and presentation of seminars on theoretical contents of the master's degree**. Students will prepare and present a seminar individually or collectively on a specific topic related to the theoretical contents of the master, to be chosen with the help of the faculty. The presentation of seminars will be compulsory.

- **Attendance and participation in seminars given by other students**. Students will give at least one seminar per student, on a topic to be chosen with the help of the faculty in the field of virology. Attendance to the seminars will be mandatory, and active participation of other students will be positively valued.

- **On-line tutorials**, for the resolution of doubts and specific problems, the raising of questions of interest and debate on current scientific and social issues related to the subject.

- **Autonomous self-evaluation activities**, such as performing tests through Aula Virtual, which allow the students to evaluate their own learning.

- **Autonomous study of materials and contents**, where students will review and, if necessary, expand the knowledge imparted by using notes, presentations, relevant bibliography, etc.

EVALUATION

A continuous assessment of each student will be carried out, based on the various in-person and online activities described in the Methodology section. Attendance at all in-person activities, completion and submission of assignments, and supplementary activities are mandatory. Participation and level of engagement in the teaching-learning process will be evaluated. The specific aspects to be assessed are as follows:

- **Evaluation of the preparation and presentation of seminars.** The grade for this component will represent a maximum of 50% of the final grade. Among other things, this section will assess the ability to raise questions, propose answers, and lead group discussions, as well as active participation in expert-led conferences, as part of the student¿s continuous assessment.

- **Evaluation of the preparation and participation in scientific sessions.** Organisation and presentation of individual work. The grade for this component will represent a maximum of 50% of the final grade. This section will assess the ability to appropriately organise the sessions, create committees, propose speakers, lead the sessions and the evaluation of summary sheets of conferences given by experts.

In the event that the subject is failed, none of the grades from the mentioned sections will be carried over to the next academic year.

If the subject is failed due to not having completed one of the proposed activities, none of the grades from the mentioned sections will be carried over to the next academic year.

Finally, it is reminded that it is not possible to renounce the grade obtained in the course once it has been published.

REFERENCES