

**COURSE DATA****Data Subject**

Code	46473
Name	Seminarios y Jornadas Científicas
Cycle	Master's degree
ECTS Credits	3.0
Academic year	2022 - 2023

Study (s)

Degree	Center	Acad. Period year
2251 - Master's Degree in Virology	Faculty of Biological Sciences	1 Annual

Subject-matter

Degree	Subject-matter	Character
2251 - Master's Degree in Virology	7 - Seminarios y Jornadas Científicas	Obligatory

Coordination

Name	Department
DOMINGO CALAP, PILAR	194 - Genetics

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 (RD 1393/2007) // LEARNING OUTCOMES (RD 822/2021)

2251 - Master's Degree in Virology

- 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 understand natural processes relevant to the field of specialization.
- 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 combine theoretical contents with their practical application and appreciate the importance of both fundamental and applied knowledge.
- To develop critical thinking, identifying the limits and biases of knowledge in the field of specialization.
- Learn how to work in multidisciplinary teams constituted by specialists with heterogeneous backgrounds.
- To develop communication skills and use a language appropriate to the profile of the interlocutor.
- Place the specialty in the context of other fields and general knowledge.
- To develop creative thinking aimed at the search for new applications in virology.
- To develop critical thinking about the social, economic, ethical or philosophical implications of a given knowledge in virology.



- Approach the same virological process from different angles, such as mechanistic, evolutionary, biomedical and biotechnological.
- To analyze scientific evidence in an objective, quantitative and rigorous way, through deductive and constructive reasoning.
- To communicate scientific results through the elaboration of reports, articles and oral presentations.

LEARNING OUTCOMES (RD 1393/2007) // NO CONTENT (RD 822/2021)

To carry out a theoretical, experimental or mixed research work in the different fields of virology.

Apply the competences and skills acquired during the theoretical studies for the resolution of practical or theoretical questions in the field of virology and related subjects.

Know how to draw relevant conclusions from the results obtained, relating them to previous knowledge.

To know how to clearly and logically disseminate the results of their research.

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**

ACTIVITY	Hours	% To be attended
Theory classes	30,00	100
Development of group work	21,00	0
Readings supplementary material	21,00	0
TOTAL	72,00	

TEACHING METHODOLOGY

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

- **Attendance to seminars and conferences given by experts.** 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 evaluation of each student will be carried out, based on the different face-to-face and non-face-to-face activities described in the Methodology section, assessing the attendance to all the face-to-face activities, the completion and presentation of work and complementary activities, the participation and the degree of involvement in the teaching-learning process. The specific aspects to be evaluated will be the following:

- Assessment of the preparation and presentation of seminars. The grade of this test will represent a maximum of 70% of the final grade. Among other things, this section will assess the ability to raise doubts, to propose answers and to lead the group discussion, as one more item of the continuous evaluation of the student.
- Evaluation of summary sheets of lectures given by experts. The grade of this test will represent a maximum of 30% of the final grade.

In the case of failing the course, the grades of any of the above mentioned sections will not be kept for the next course.

In the case of failing the course for not having done one of the proposed activities, the grades of any of the mentioned sections will not be kept for the next course.

In the second call of the course, the grade of each of the sections presented in the first call can be kept.

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