

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

Code	43457
Name	Seminars on research work
Cycle	Master's degree
ECTS Credits	6.0
Academic year	2021 - 2022

Study (s)

Degree	Center	Acad. year	Period
2210 - M.D. in Research in Molecular, Cellular and Genetics Biology	Faculty of Biological Sciences	1	Annual

Subject-matter

Degree	Subject-matter	Character
2210 - M.D. in Research in Molecular, Cellular and Genetics Biology	2 - Seminars on research work	Obligatory

Coordination

Name	Department
ARRILLAGA MATEOS, ISABEL	25 - Plant Biology

SUMMARY

This course has two main objectives: 1) that renowned researchers expose a recent work showing how the scientific experiments are programmed and how the results obtained would contribute to improve scientific knowledge on the investigated topic; and 2) that each student prepare and expose a seminar related to the topic of his/her research project.

The seminar contents will therefore vary depending on the guest researchers or research topics chosen by the students. Senior researchers will present his/her investigation for one hour (half an hour in the case of students), which will be followed by a discussion about the contents and methodologies related to the exposed topic.



PREVIOUS KNOWLEDGE

Relationship to other subjects of the same degree

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

Other requirements

OUTCOMES

2210 - M.D. in Research in Molecular, Cellular and Genetics Biology

- 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.
- To acquire basic skills to develop laboratory work in biomedical research.
- Be able to make quick and effective decisions in professional or research practice.
- Students should possess and understand foundational knowledge that enables original thinking and research in the field.
- Be able to access to information tools in other areas of knowledge and use them properly.
- To be able to assess the need to complete the scientific, historical, language, informatics, literature, ethics, social and human background in general, attending conferences, courses or doing complementary activities, self-assessing the contribution of these activities towards a comprehensive development.
- Capacidad de relacionar los contenidos de los seminarios con los conceptos adquiridos en las otras materias del master.
- Capacidad de analizar, resumir y exponer tanto el trabajo propio como el de otros investigadores.

LEARNING OUTCOMES

This course may be considered as instrumental, as it allows not only acquire the ability to analyze, summarize and present the work of other researchers, but also gain the knowledge, methodologies and skills to the exposition and defense of his own research.

**WORKLOAD**

ACTIVITY	Hours	% To be attended
Seminars	60,00	100
Development of individual work	70,00	0
Preparation of evaluation activities	20,00	0
TOTAL	150,00	

TEACHING METHODOLOGY

MD2 - Seminars

MD8 - Lectures by Researchers

EVALUATION

Learning assessment in this module will be obtained from:

- 1) Attendance at the seminars (20%). The maximum score is obtained by attending all the sessions.
- 2) evaluation of the activity sheets of the seminars (taught renowned scientists). In these pages, students must make a summary of the seminar, indicating whether the lecturer asked questions (including the information and the answer). A critical assessment of the work presented will also be considered (30%). These abstracts will be presented during the week following the delivery of each seminar
- 3) Taught a seminar related to the topic of the research project of each students agreed with your supervisor (50%).

The student should obtain at least 50% of the mark in each of the four preceding paragraphs

ADDENDUM COVID-19

This addendum will only be activated if the health situation requires so and with the prior agreement of the Governing Council

Teaching will be taught in person following the instructions of the Faculty of Biology and the University of Valencia, preserving the corresponding sanitary measures. If any subsequent regulations are promulgated, the teaching will be adapted to comply with the regulations in force at all times.

In case of limitations to the attendance, the evaluation of the students in the first or second call will be carried out in one of the following ways, in an alternative or complementary way.



- a) Continuous evaluation: works, exhibitions that will be detailed by the teaching team of the subject
- b) Telematic evaluation: by oral examination using the official platform of the UV Virtual Classroom-Blackboard) or other official applications. In this case, the teachers will record the exam for future consultations or claims.
- c) Exam using the Virtual Classroom utilities (Questionnaire)
- d) Any other modality approved *ad hoc* by the CCA