COURSE DATA

Data Subject	
Code	43457
Name	Seminars on research work
Cycle	Master's degree
ECTS Credits	6.0
Academic year	2024 - 2025

Study (s)

Degree	Center	Acad. year	Period
2210 - Master¿s Degree in Research in Molecular, Cellular and Genetics Bio	Faculty of Biological Sciences	1	Annual

Subject-matter

Degree	Subject-matter	Character
2210 - Master¿s Degree in Research in Molecular, Cellular and Genetics Bio	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. In addition some researches will discuss their career with small groups (5-6) of students

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

2210 - Master¿s Degree in Research in Molecular, Cellular and Genetics Bio

- 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.

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

The evaluation of learning in this module will be obtained from:
1) Attendance at seminars (20%). The maximum qualification will be obtained by attending all the seminars and other meetings.
2) Evaluation of the sheets of the activity of the seminars (taught by scientists of recognized prestige). In these sheets, the students must make a summary of the seminar, or other meetings indicating if the student asked the speaker questions (including that information and the answer). A critical evaluation of the work presented will also be scored (30%).
3) Presentation of a scientific work related to the research topic of each student in poster format that will be presented and defended in a congress. Tentative date last week of April (50%).
4) In the second call, students must present a poster and 20 abstracts of conferences they have attended, not belonging to the same scientific event. The person who gave it, the date and place of delivery must be specified, and proof of attendance must also be provided.
To pass it will be necessary to obtain at least 50% of the grade in each of the four previous sections