

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

Code	44715
Name	Current issues in organic chemistry
Cycle	Master's degree
ECTS Credits	2.0
Academic year	2023 - 2024

Study (s)

Degree	Center	Acad. year	Period
2226 - M.D. in Organic Chemistry	Faculty of Chemistry	1	Second term

Subject-matter

Degree	Subject-matter	Character
2226 - M.D. in Organic Chemistry	11 - Current issues in organic chemistry	Obligatory

Coordination

Name	Department
DEL POZO LOSADA, CARLOS	325 - Organic Chemistry

SUMMARY

The contents of this subject are related with the new tendencies in organic chemistry research and connected areas. It will consist in the assistance to conferences related to the area, and the presentation of a small summary of all of them.

In this section will be also included a transversal seminar of employability, enhancing one of the fundamental criteria of the quality of the program: professional insertion of the graduates.

PREVIOUS KNOWLEDGE



Relationship to other subjects of the same degree

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

Other requirements

Advance organic chemistry knowledge is required in order to understand the content of the conferences.

OUTCOMES

2226 - M.D. in Organic Chemistry

- 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.
- Use different presentation formats (oral, written, slide presentations, boards, etc.) to communicate knowledge, proposals and positions.
- Be able to access to information tools in other areas of knowledge and use them properly.
- Poseer habilidades sociales, un buen nivel de comunicación oral y escrita, así como capacidad para trabajar en equipo y con personas de diferentes procedencias.
- Competencias de gestión tales como la capacidad para la planificación y gestión de tiempo y recursos, así como para dirigir y tomar decisiones.
- Aplicar los conocimientos adquiridos en la identificación de salidas profesionales, yacimientos de empleo y oportunidades de emprendimiento.
- Ser capaces de valorar la necesidad de completar su formación científica, en lenguas, en informática, asistiendo a conferencias o cursos y/o realizando actividades complementarias, autoevaluando la aportación que la realización de estas actividades supone para su formación integral.
- Conocer las últimas tendencias en la Investigación en Química Orgánica.



LEARNING OUTCOMES

Be aware of the new research tendencies in organic chemistry research and connected areas such as sustainable chemistry. Additionally, an employability seminar will be included in order to identify professional opportunities.

DESCRIPTION OF CONTENTS

1. Current

H

Hot topics in organic chemistry

The list with the conferences attended will be included, together with a brief comment of each one

WORKLOAD

ACTIVITY	Hours	% To be attended
Theory classes	15,00	100
Seminars	5,00	100
Attendance at events and external activities	10,00	0
Development of individual work	10,00	0
Study and independent work	10,00	0
TOTAL	50,00	

TEACHING METHODOLOGY

The Academic Coordination Committee of the Master will receive the list of conferences attended by each student, together with a small summary of all of them

EVALUATION

Final assessment will be performed by the Academic Coordination Committee of the Master, regarding the summaries presented by the students, and the number of conferences attended during the course.