

**COURSE DATA****DATA SUBJECT**

**Code:** 44715  
**Name:** Current issues in organic chemistry  
**Cycle:** Master's Degree  
**ECTS Credits:** 2  
**Academic year:** 2025-26

**STUDY (S)**

Degree	Center	Acad. year	Period
2226 - Master's degree in Organic Chemistry	Facultat de Química	1	Annual

**SUBJECT-MATTER**

Degree	Subject-matter	Character
2226 - Master's degree in Organic Chemistry	Current issues in organic chemistry	COMPULSORY

**COORDINATION**

VILA DESCALS CARLOS

**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.

**COMPETENCES / LEARNING OUTCOMES**



Aplicar los conocimientos adquiridos en la identificación de salidas profesionales, yacimientos de empleo y oportunidades de emprendimiento.

Be able to access to information tools in other areas of knowledge and use them properly.

Competencias de gestión tales como la capacidad para la planificación y gestión de tiempo y recursos, así como para dirigir y tomar decisiones.

Conocer las últimas tendencias en la Investigación en Química Orgánica.

Poseer habilidades sociales, un buen nivel de comunicación oral y escrita, así como capacidad para trabajar en equipo y con personas de diferentes procedencias.

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.

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.

## DESCRIPTION OF CONTENTS

### 1. Current Hot topics in organic chemistry

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



## WORKLOAD

### PRESENCIAL ACTIVITIES

Activity	Hours
Theory	15,00
Seminar	5,00
<b>Total hours</b>	<b>20,00</b>

### NON PRESENCIAL ACTIVITIES

Activity	Hours
Attendance at other activities	10,00
Individual or group project	15,00
Independent study and work	10,00
Preparation of lessons	0,00
Preparation for assessment activities	0,00
Resolution of case studies	0,00
<b>Total hours</b>	<b>35,00</b>

## 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

The assessment will be carried out by the Master's Academic Coordination Committee and will include the following components:

- **Continuous assessment** based on attendance, active participation, and engagement in the lectures held throughout the course (50%).
- **Evaluation of submitted reports**, considering both the content and the clarity of presentation as well as analytical ability (50%).

## REFERENCES