



1. General information

Course: ADVANCED EXPERIMENTATION IN CHEMISTRY

Type: ELECTIVE

Degree: 398 - UNDERGRADUATE DEGREE PROGRAMME IN CHEMISTRY

Center: 1 - FACULTY OF SCIENCE AND CHEMICAL TECHNOLOGY

Year: 4

Main language: Spanish

Use of additional
languages:

Web site:

Code: 57338

ECTS credits: 6

Academic year: 2020-21

Group(s): 20

Duration: C2

Second language: English

English Friendly: Y

Bilingual: N

Lecturer: PABLO FERNANDEZ LOPEZ - Group(s): 20				
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Lecturer: MARIA ANTONIA HERRERO CHAMORRO - Group(s): 20				
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Lecturer: BLANCA ROSA LOURDES MANZANO MANRIQUE - Group(s): 20				
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Lecturer: MARIA DEL PILAR MARTIN PORRERO - Group(s): 20				
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Lecturer: FRANCISCO JAVIER POBLETE MARTIN - Group(s): 20				
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Lecturer: MARIA DEL PILAR PRIETO NUÑEZ-POLO - Group(s): 20				
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San Alberto Magno	Q. ANALÍTICA Y TGIA. ALIMENTOS	3405	angel.rios@uclm.es	
Lecturer: ANA SANCHEZ-MIGALLON BERMEJO - Group(s): 20				
Building/Office	Department	Phone number	Email	Office hours
Edificio San Alberto Magno	QUÍMICA INORG., ORG., Y BIOQ.	+34926051941	ana.smigallon@uclm.es	
Lecturer: MARIA JESUS VILLASEÑOR LLERENA - Group(s): 20				
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Politécnico/A24	Q. ANALÍTICA Y TGIA. ALIMENTOS	926052673	mjesus.villasenor@uclm.es	

2. Pre-Requisites

To have approved the Basic Training Module and, in addition, at least 60 credits from the Fundamentals Module of Chemistry. Students enrolled will be assigned an Academic Tutor and a specific subject of experimental work

from laboratory.

3. Justification in the curriculum, relation to other subjects and to the profession

With this subject, it is intended that the student is able to apply their theoretical and practical knowledge acquired throughout the 3 years, in the development of an experimental work within a research laboratory.

4. Degree competences achieved in this course

Course competences

Not established.

5. Objectives or Learning Outcomes

Course learning outcomes

Not established.

6. Units / Contents

Unit 1:

7. Activities, Units/Modules and Methodology

Training Activity	Methodology	Related Competences (only degrees before RD 822/2021)	ECTS	Hours	As	Com	Description
Workshops or seminars [ON-SITE]	Other Methodologies	CB03 G02 G03 T05	0.1	2.5	Y	Y	
Laboratory practice or sessions [ON-SITE]	Practical or hands-on activities	CB02 CB03 CB05 E03 E05 E06 E14 E15 E16 E17 G01 G02 G05 T04 T05	4	100	Y	Y	
Individual tutoring sessions [ON-SITE]	Other Methodologies	T05 T06 T11	0.6	15	Y	Y	
Practicum and practical activities report writing or preparation [OFF-SITE]	Self-study	CB02 CB03 G02 G04 T05	1.28	32	Y	Y	
Final test [ON-SITE]	Individual presentation of projects and reports	CB04 G04 T04 T05 T06	0.02	0.5	Y	Y	
Total:			6	150			
Total credits of in-class work: 4.72			Total class time hours: 118				
Total credits of out of class work: 1.28			Total hours of out of class work: 32				

As: Assessable training activity

Com: Training activity of compulsory overcoming (It will be essential to overcome both continuous and non-continuous assessment).

8. Evaluation criteria and Grading System

Evaluation System	Continuous assessment	Non-continuous evaluation*	Description
Theoretical papers assessment	60.00%	60.00%	
Oral presentations assessment	40.00%	40.00%	
Total:	100.00%	100.00%	

According to art. 4 of the UCLM Student Evaluation Regulations, it must be provided to students who cannot regularly attend face-to-face training activities the passing of the subject, having the right (art. 12.2) to be globally graded, in 2 annual calls per subject, an ordinary and an extraordinary one (evaluating 100% of the competences).

9. Assignments, course calendar and important dates

Not related to the syllabus/contents

Hours	hours
Unit 1 (de 1):	
Activities	Hours
Workshops or seminars [PRESENCIAL][Other Methodologies]	2.5
Laboratory practice or sessions [PRESENCIAL][Practical or hands-on activities]	100
Individual tutoring sessions [PRESENCIAL][Other Methodologies]	15
Practicum and practical activities report writing or preparation [AUTÓNOMA][Self-study]	32
Final test [PRESENCIAL][Individual presentation of projects and reports]	.5
Global activity	
Activities	hours
Laboratory practice or sessions [PRESENCIAL][Practical or hands-on activities]	100

