



1. General information

Course: WORK PLACEMENT

Type: PRACTICUM-RELATED COURSE

Degree: 409 - CHEMISTRY

Center: 1 - FACULTY OF SCIENCE AND CHEMICAL TECHNOLOGY

Year: 4

Main language: Spanish

Use of additional
languages:

Web site:

Code: 57339

ECTS credits: 12

Academic year: 2022-23

Group(s): 20

Duration: AN

Second language: English

English Friendly: Y

Bilingual: N

Lecturer: AURELIA ALAÑÓN MOLINA - Group(s): 20				
Building/Office	Department	Phone number	Email	Office hours
San Alberto Magno/planta baja	Q. ANALÍTICA Y TGIA. ALIMENTOS	926052033	aurelia.alanon@uclm.es	
Lecturer: ALFONSO ARANDA RUBIO - Group(s): 20				
Building/Office	Department	Phone number	Email	Office hours
Marie Curie/2ª planta	QUÍMICA FÍSICA	926051915	alfonso.aranda@uclm.es	
Lecturer: MIGUEL ANGEL ARRANZ MONGE - Group(s): 20				
Building/Office	Department	Phone number	Email	Office hours
Fac. CC y Tecnologías Químicas	FÍSICA APLICADA	926052663	miguelangel.arranz@uclm.es	
Lecturer: BERNABE BALLESTEROS RUIZ - Group(s): 20				
Building/Office	Department	Phone number	Email	Office hours
Marie Curie, primera planta	QUÍMICA FÍSICA	926052049	bernabe.ballesteros@uclm.es	
Lecturer: BEATRIZ CABAÑAS GALAN - Group(s): 20				
Building/Office	Department	Phone number	Email	Office hours
Edificio Marie Curie (primer piso)	QUÍMICA FÍSICA	926052042	beatriz.cabanass@uclm.es	
Lecturer: GREGORIO CASTAÑEDA PEÑALVO - Group(s): 20				
Building/Office	Department	Phone number	Email	Office hours
San Alberto Magno 1ª planta baja	Q. ANALÍTICA Y TGIA. ALIMENTOS	926052231	gregorio.castaneda@uclm.es	
Lecturer: ANA MARIA CONTENTO SALCEDO - Group(s): 20				
Building/Office	Department	Phone number	Email	Office hours
San Alberto Magno/Planta baja	Q. ANALÍTICA Y TGIA. ALIMENTOS	6703	anamaria.contento@uclm.es	
Lecturer: ANGEL DIAZ ORTIZ - Group(s): 20				
Building/Office	Department	Phone number	Email	Office hours
S. Alberto Magno, 2ª planta	QUÍMICA INORG., ORG., Y BIOQ.	3461	angel.diaz@uclm.es	
Lecturer: RAFAEL FERNANDEZ GALAN - Group(s): 20				
Building/Office	Department	Phone number	Email	Office hours
Edificio San Alberto Magno	QUÍMICA INORG., ORG., Y BIOQ.	3494	rafael.fgalan@uclm.es	
Lecturer: PABLO FERNANDEZ LOPEZ - Group(s): 20				
Building/Office	Department	Phone number	Email	Office hours
Laboratorios Polivalentes Química 312	Q. ANALÍTICA Y TGIA. ALIMENTOS	3489	pablo.fdez@uclm.es	
Lecturer: SANTIAGO GARCIA YUSTE - Group(s): 20				
Building/Office	Department	Phone number	Email	Office hours
Edificio San Alberto Magno (primer piso)	QUÍMICA INORG., ORG., Y BIOQ.	3477	santiago.gyuste@uclm.es	
Lecturer: LUISA FERNANDA GARCIA BERMEJO - Group(s): 20				
Building/Office	Department	Phone number	Email	Office hours
San Alberto Magno/planta baja	Q. ANALÍTICA Y TGIA. ALIMENTOS	3447	luisafernanda.garcia@uclm.es	
Lecturer: JUAN ANTONIO GONZALEZ SANZ - Group(s): 20				
Building/Office	Department	Phone number	Email	Office hours

Edif. Margarita Salas 303	FÍSICA APLICADA	3428	j.a.gonzalez@uclm.es	
Lecturer: CARMEN GUIBERTEAU CABANILLAS - Group(s): 20				
Building/Office	Department	Phone number	Email	Office hours
San Alberto Magno/planta baja	Q. ANALÍTICA Y TGIA. ALIMENTOS	3442	carmen.guiberteau@uclm.es	
Lecturer: MARÍA VICTORIA GÓMEZ ALMAGRO - Group(s): 20				
Building/Office	Department	Phone number	Email	Office hours
IRICA	QUÍMICA INORG., ORG., Y BIOQ.	926052633	MariaVictoria.Gomez@uclm.es	
Lecturer: ANTONIO DE LA HOZ AYUSO - Group(s): 20				
Building/Office	Department	Phone number	Email	Office hours
San Alberto Magno	QUÍMICA INORG., ORG., Y BIOQ.	926295411	antonio.hoz@uclm.es	
Lecturer: FELIX ANGEL JALON SOTES - Group(s): 20				
Building/Office	Department	Phone number	Email	Office hours
San Alberto Magno/Planta primera	QUÍMICA INORG., ORG., Y BIOQ.	926052184	felix.jalon@uclm.es	
Lecturer: ELENA JIMENEZ MARTINEZ - Group(s): 20				
Building/Office	Department	Phone number	Email	Office hours
EDIFICIO MARIE CURIE, 2ª PLANTA	QUÍMICA FÍSICA	926052129	elena.jimenez@uclm.es	
Lecturer: AGUSTIN LARA SANCHEZ - Group(s): 20				
Building/Office	Department	Phone number	Email	Office hours
Edificio San Alberto Magno	QUÍMICA INORG., ORG., Y BIOQ.	3499	agustin.lara@uclm.es	
Lecturer: DAVID AGUSTIN LEON NAVARRO - Group(s): 20				
Building/Office	Department	Phone number	Email	Office hours
Facultad de Ciencias y Tecnologías Químicas. Lab Bioquímica. Ciudad Real	QUÍMICA INORG., ORG., Y BIOQ.	926052114	davidagustin.leon@uclm.es	
Lecturer: RICARDO LOPEZ ANTON - Group(s): 20				
Building/Office	Department	Phone number	Email	Office hours
Fac. CC y Tecnologías Químicas	FÍSICA APLICADA	926052782	ricardo.lopez@uclm.es	
Lecturer: Mª ISABEL LOPEZ SOLERA - Group(s): 20				
Building/Office	Department	Phone number	Email	Office hours
Edificio San Alberto Magno (primer piso)	QUÍMICA INORG., ORG., Y BIOQ.	926052501	mabel.lopez@uclm.es	
Lecturer: BLANCA ROSA LOURDES MANZANO MANRIQUE - Group(s): 20				
Building/Office	Department	Phone number	Email	Office hours
San Alberto Magno/first floor	QUÍMICA INORG., ORG., Y BIOQ.	926052050	blanca.manzano@uclm.es	
Lecturer: MARIA DEL PILAR MARTIN PORRERO - Group(s): 20				
Building/Office	Department	Phone number	Email	Office hours
Marie Curie, 2ª planta	QUÍMICA FÍSICA	926052614	mariapilar.martin@uclm.es	
Lecturer: SONIA MERINO GUIJARRO - Group(s): 20				
Building/Office	Department	Phone number	Email	Office hours
San Alberto Magno, 1ª planta	QUÍMICA INORG., ORG., Y BIOQ.	3495	sonia.merino@uclm.es	L, M, J 16:30-18:30
Lecturer: ANDRES MORENO MORENO - Group(s): 20				
Building/Office	Department	Phone number	Email	Office hours
San Alberto Magno	QUÍMICA INORG., ORG., Y BIOQ.	926051965	andres.moreno@uclm.es	
Lecturer: JOSE ANTONIO MURILLO PULGARIN - Group(s): 20				
Building/Office	Department	Phone number	Email	Office hours
Edificio San Alberto Magno	Q. ANALÍTICA Y TGIA. ALIMENTOS	3441	joseantonio.murillo@uclm.es	
Lecturer: MARIA DEL PILAR PRIETO NUÑEZ-POLO - Group(s): 20				
Building/Office	Department	Phone number	Email	Office hours
San Alberto Magno	QUÍMICA INORG., ORG., Y BIOQ.	+34926052615	mariapilar.prieto@uclm.es	
Lecturer: JULIAN RODRIGUEZ LOPEZ - Group(s): 20				
Building/Office	Department	Phone number	Email	Office hours
San Alberto Magno, 1ª planta	QUÍMICA INORG., ORG., Y BIOQ.	3462	julian.rodriguez@uclm.es	
Lecturer: MARIA SAGRARIO SALGADO MUÑOZ - Group(s): 20				
Building/Office	Department	Phone number	Email	Office hours
EDIFICIO MARIE CURIE	QUÍMICA FÍSICA	3450	sagrario.salgado@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: LUCIA SANTOS PEINADO - Group(s): 20				
Building/Office	Department	Phone number	Email	Office hours
Edificio Marie Curie/2.05	QUÍMICA FÍSICA	926052480	lucia.santos@uclm.es	
Lecturer: JUAN TEJEDA SOJO - Group(s): 20				
Building/Office	Department	Phone number	Email	Office hours
S. Alberto Magno	QUÍMICA INORG., ORG., Y BIOQ.	926042526	juan.tejeda@uclm.es	
Lecturer: JUAN RAMON TRAPERO ARENAS - Group(s): 20				
Building/Office	Department	Phone number	Email	Office hours
Margarita Salas/ 304	ADMINISTRACIÓN DE EMPRESAS	926052446	juanramon.trapero@uclm.es	
Lecturer: ESTER VAZQUEZ FERNANDEZ-PACHECO - Group(s): 20				
Building/Office	Department	Phone number	Email	Office hours
Marie Curie, 3ª planta	QUÍMICA INORG., ORG., Y BIOQ.	+34 926 05 21 57	ester.vazquez@uclm.es	
Lecturer: MARGARITA VILLAR RAYO - Group(s): 20				
Building/Office	Department	Phone number	Email	Office hours
Facultad de Ciencias y Tecnologías Químicas/ 3ª planta	QUÍMICA INORG., ORG., Y BIOQ.	926052530	MargaritaM.Villar@uclm.es	
Lecturer: ELENA VILLASEÑOR CAMACHO - Group(s): 20				
Building/Office	Department	Phone number	Email	Office hours
Edificio San Alberto Magno (primer piso)	QUÍMICA INORG., ORG., Y BIOQ.	926052133	elena.villasenor@uclm.es	

2. Pre-Requisites

Not established

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

Not established

4. Degree competences achieved in this course

Course competences	
Code	Description
CB02	Apply their knowledge to their job or vocation in a professional manner and show that they have the competences to construct and justify arguments and solve problems within their subject area.
CB03	Be able to gather and process relevant information (usually within their subject area) to give opinions, including reflections on relevant social, scientific or ethical issues.
CB04	Transmit information, ideas, problems and solutions for both specialist and non-specialist audiences.
CB05	Have developed the necessary learning abilities to carry on studying autonomously
E03	Handle chemicals safely and with respect to the environment
E11	Know the basic operations and the unitary processes of the chemical industry
E14	Know and know how to apply the metrology of chemical processes, including quality management
E15	Know how to handle the standard chemical instrumentation and be able to elaborate and manage standardized procedures of work in the laboratory and chemical industry
E16	Plan, design and develop projects and experiments
E17	Develop the ability to relate to each other the different specialties of Chemistry, as well as this one with other disciplines (interdisciplinary character)
G02	Be able to gather and interpret data, information and relevant results, obtain conclusions and issue reasoned reports on scientific, technological or other problems that require the use of chemical tools
G03	Know how to apply the theoretical-practical knowledge acquired in the different professional contexts of Chemistry
G05	Acquire and adapt new knowledge and techniques of any scientific-technical discipline with incidence in the chemical field
T04	Ethical commitment and professional ethics
T05	Organization and planning capacity
T06	Ability to approach decision making
T07	Ability to work as a team and, where appropriate, exercise leadership functions, fostering the entrepreneurial character
T08	Skills in interpersonal relationships
T09	Motivation for quality, job security and awareness of environmental issues, with knowledge of internationally recognized systems for the correct management of these aspects

5. Objectives or Learning Outcomes

Course learning outcomes
Description
Become aware of the importance of teamwork, responsibility in performance, and responsible management strategies and leadership.
Train the student for autonomous work and learning, as well as for personal initiative.
Train the student to be sensitive to the ethical exercise of the profession, becoming aware of the social responsibility of their reports and their impact on decision making

Train the student to solve problems based on the use of chemical tools and techniques.

Acquire training in the way of working of the chemical professional in organizations (companies, institutions, laboratories, etc.) where the profession can potentially practice

Acquire skills for practical work, being able to develop it in coordination with other professionals.

Know the principles on the management of professional activity in different types of organizations

Know some of the main professional activities of the graduate in chemistry

Know the applications of chemistry in the agri-food, environmental, clinical, pharmaceutical and industrial fields

6. Units / Contents

No units added

7. Activities, Units/Modules and Methodology

Training Activity	Methodology	Related Competences (only degrees before RD 822/2021)	ECTS	Hours	As	Com	Description
Practicum [ON-SITE]	Practical or hands-on activities		10	250	Y	Y	
Practicum and practical activities report writing or preparation [OFF- SITE]	Self-study		1.3	32.5	Y	Y	
Final test [ON-SITE]	Other Methodologies		0.1	2.5	Y	Y	
Individual tutoring sessions [ON- SITE]	Guided or supervised work		0.3	7.5	N	-	
Individual tutoring sessions [ON- SITE]	Guided or supervised work		0.3	7.5	N	-	
Total:			12	300			
Total credits of in-class work: 10.7			Total class time hours: 267.5				
Total credits of out of class work: 1.3			Total hours of out of class work: 32.5				

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
Final test	30.00%	30.00%	
Practicum performance	40.00%	40.00%	
Practicum and practical activities reports assessment	30.00%	30.00%	
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

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10. Bibliography and Sources

Author(s)	Title/Link	Publishing house	Citv	ISBN	Year	Description
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