Teaching Guide				
Identifying Data				2021/22
Subject (*)	Scientific Transfer and Communication		Code	610509305
Study programme	Mestrado Universitario en Investigación Química e Química Industrial (Plan 2020)			
Descriptors				
Cycle	Period	Year	Type	Credits
Official Master's Degree	1st four-month period	First	Obligatory	3
Language	Spanish			
Teaching method	Face-to-face			
Prerequisites				
Department	Química			
Coordinador	Fernandez Sanchez, Jesus Jose	E-mail	jesus.fernandezs@udc.es	
Lecturers	Fernandez Sanchez, Jesus Jose	E-mail	jesus.fernandezs@udc.es	
Web				
General description				
Contingency plan	1. Modifications to the contents 2. Methodologies *Teaching methodologies that are maintained *Teaching methodologies that are modified 3. Mechanisms for personalized attention to students 4. Modifications in the evaluation *Evaluation observations: 5. Modifications to the bibliography or webgraphy			

Study programme competences / results	
Code	Study programme competences / results
A2	Suggest alternatives for solving complex chemical problems related to the different areas of chemistry.
A4	Apply materials and biomolecules in innovative fields of industry and chemical engineering.
A9	Promote innovation and entrepreneurship in the chemical industry and in research.
B2	Students should apply their knowledge and ability to solve problems in new or unfamiliar environments within broader (or multidisciplinary) contexts related to their field of study.
B3	Students should be able to integrate knowledge and handle complexity, and formulate judgments based on information that was incomplete or limited, include reflecting on social and ethical responsibilities linked to the application of their knowledge and judgments.
B4	Students should be able to communicate their conclusions, and the knowledge and the reasons that support them to specialists and non-specialists in a clear and unambiguous manner
B6	Innovate in the different areas of chemistry, demonstrating initiative and entrepreneurship
B7	Identify information from scientific literature by using appropriate channels and integrate such information to raise and contextualize a research topic
B10	Use of scientific terminology in English to explain the experimental results in the context of the chemical profession
B11	Apply correctly the new technologies to gather and organize the information to solve problems in the professional activity.
C1	CT1 - Elaborar, escribir e defender publicamente informes de carácter científico e técnico
C2	CT2 - Traballar en equipo e adaptarse a equipos multidisciplinares.
C4	CT4 - Apreciar o valor da calidade e mellora continua, actuando con rigor, responsabilidade e ética profesional.

C5	CT5 - Demostrar unha actitude de respecto polas opinións, valores, comportamentos e prácticas doutros

Learning outcomes			
Learning outcomes	Study programme competences / results		
	AC9	BC2 BC3 BC6 BC11	CC4 CC5
	AC2 AC9	BC2 BC4 BC7 BC10	CC1 CC2 CC4
	AC4 AC9	BC3 BC6 BC7 BC10	CC1 CC4

Contents	
Topic	Sub-topic

Planning				
Methodologies / tests	Competencies / Results	Teaching hours (in-person & virtual)	Student?s personal work hours	Total hours
Guest lecture / keynote speech	A2 A9 B7 C5 C4	6	9	15
Seminar	B2 B3 B4 B11 C1 C2	10	10	20
Supervised projects	A4 A9 B2 B4 B6 B7 B10 C4 C1	20	20	40
Personalized attention		0		0
(*)The information in the planning table is for guidance only and does not take into account the heterogeneity of the students.				

Methodologies	
Methodologies	Description
Guest lecture / keynote speech	
Seminar	
Supervised projects	

Personalized attention	
Methodologies	Description
Guest lecture / keynote speech Seminar Supervised projects	Tutorías programadas por el profesor y coordinadas por el Centro. Estarán orientadas a la resolución de dudas sobre los contenidos de la asignatura. A petición del alumno se le proporcionará ayuda tutorial cuando así lo solicite.

Assessment			
Methodologies	Competencies / Results	Description	**Qualification**

Guest lecture / keynote speech	A2 A9 B7 C5 C4		0
Seminar	B2 B3 B4 B11 C1 C2		0
Supervised projects	A4 A9 B2 B4 B6 B7 B10 C4 C1		0

Assessment comments

Sources of information	
Basic	
Complementary	

Recommendations
Subjects that it is recommended to have taken before
Subjects that are recommended to be taken simultaneously
Subjects that continue the syllabus
Other comments

(*)The teaching guide is the document in which the URV publishes the information about all its courses. It is a public document and cannot be modified. Only in exceptional cases can it be revised by the competent agent or duly revised so that it is in line with current legislation.