



Teaching Guide				
Identifying Data				2015/16
Subject (*)	Profundización en Química Inorgánica	Code	610509003	
Study programme	Mestrado en Investigación Química e Química Industrial			
Descriptors				
Cycle	Period	Year	Type	Credits
Official Master's Degree	1st four-month period	First	Obligatoria	3
Language	Spanish			
Teaching method	Face-to-face			
Prerequisites				
Department	Química Fundamental			
Coordinador	Fernandez Sanchez, Jesus Jose	E-mail	jesus.fernandezs@udc.es	
Lecturers	Castro Garcia, Socorro Fernandez Sanchez, Jesus Jose	E-mail	socorro.castro.garcia@udc.es jesus.fernandezs@udc.es	
Web				
General description				

Study programme competences / results	
Code	Study programme competences / results
A1	Define concepts, principles, theories and specialized facts of different areas of chemistry.
A2	Suggest alternatives for solving complex chemical problems related to the different areas of chemistry.
A4	Innovate in the methods of synthesis and chemical analysis related to the different areas of chemistry
B1	Possess knowledge and understanding to provide a basis or opportunity for originality in developing and / or applying ideas, often within a research context
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.
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
B5	Students must possess learning skills to allow them to continue studying in a way that will have to be largely self-directed or autonomous.
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.

Learning outcomes			
Learning outcomes		Study programme competences / results	
		AC1	BC1
		AC2	BC4
		AC4	BC5
			BC7
			BC10
		AC1	BC1
		AC2	BC2
		AC4	BC4
			BC5
			BC7
			BC11



Contents	
Topic	Sub-topic

Planning				
Methodologies / tests	Competencies / Results	Teaching hours (in-person & virtual)	Student's personal work hours	Total hours
Seminar	A1 A2 A4 B2 B4 B7 B10 B11	7	14	21
Supervised projects	B5	2	10	12
Mixed objective/subjective test	B2 B5	2	10	12
Guest lecture / keynote speech	A1 B1	15	15	30
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
Seminar	
Supervised projects	
Mixed objective/subjective test	
Guest lecture / keynote speech	

Personalized attention	
Methodologies	Description
Supervised projects	
Guest lecture / keynote speech	
Seminar	
Mixed objective/subjective test	

Assessment			
Methodologies	Competencies / Results	Description	Qualification
Supervised projects	B5		0
Guest lecture / keynote speech	A1 B1		0
Seminar	A1 A2 A4 B2 B4 B7 B10 B11		0
Mixed objective/subjective test	B2 B5		0

Assessment comments



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Sources of information	
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Basic	
Complementary	

Recommendations	
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Subjects that it is recommended to have taken before
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Subjects that are recommended to be taken simultaneously
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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.