



Teaching Guide

Teaching Guide				
Identifying Data				2023/24
Subject (*)	Economics and Business		Code	610509134
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	Optional	3
Language	Spanish			
Teaching method	Face-to-face			
Prerequisites				
Department	EconomíaEmpresa			
Coordinador	Rodriguez Fernandez, Maria Jose	E-mail	maria.jose.rfernandez@udc.es	
Lecturers	Rodriguez Fernandez, Maria Jose	E-mail	maria.jose.rfernandez@udc.es	
Web				
General description	A materia "Economía e Empresa" forma parte do módulo M7, especialidade en Química e Economía Industrial. Esta especialidade é obrigatoria para o alumnado que curse a orientación profesionalizante. Deste xeito, a maioría das materias desta especialidade abordan diferentes aspectos técnicos dos procesos químicos no ámbito industrial. Con todo, esta materia e "Recursos humanos" permiten que o alumnado se familiarice con coñecementos de índole máis transversal vinculados co funcionamento das organizacións empresariais. Así, tanto os coñecementos técnicos dos procesos químicos, así como aqueles vinculados coas dinámicas organizativas, son de suma relevancia para un correcto desempeño profesional. A materia "Economía e Empresa" permitirá ao alumnado coñecer o funcionamento das organizacións empresariais, así como as funcións do proceso directivo. Coñecementos relevantes para desenvolver a súa actividade profesional no ámbito de empresas do sector químico.			

Study programme competences

Code	Study programme competences
A5	Properly assess risks and environmental and socioeconomic impacts associated with special chemicals
A6	Design processes involving the treatment or disposal of hazardous chemicals
A9	Promote innovation and entrepreneurship in the chemical industry and in research.
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.
B6	Innovate in the different areas of chemistry, demonstrating initiative and entrepreneurship
B8	Evaluate responsibility in the management of information and knowledge in the field of Industrial Chemistry and Chemical Research
B9	Demonstrate ability to analyze, describe, organize, plan and manage projects
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.
B12	Being able to work in a team and adapt to multidisciplinary teams.
C1	CT1 - Elaborar, escribir e defender publicamente informes de carácter científico e técnico
C2	CT2 - Traballar en equipo e adaptarse a equipos multidisciplinares.
C3	CT3 - Traballar con autonomía e eficiencia na práctica diaria da investigación ou da actividade profesional.
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
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Coñecer de forma clara a estrutura dunha organización empresarial.	AC5	BC4	CC1
Asimilar o coñecemento do que supón a xestión da produción.	AC6	BC5	CC2
Adquirir os coñecementos básicos de economía empresarial que permitan elaborar, manexar e interpretar: orzamentos, balances, análise de custos, etc. E coñecer as técnicas de control de custos e márketing.	AC9	BC6	CC3
		BC8	CC4
		BC9	CC5
		BC10	
		BC11	
		BC12	

Contents	
Topic	Sub-topic
Organización empresarial. Concepto e funcionamento	O sistema organizativo. Directivos e niveles directivos Introdución á administración de organizacións empresariais
Funcións do proceso de administración.	Introdución ao proceso directivo. Planificación Organización Dirección Control

Planning				
Methodologies / tests	Competencies	Ordinary class hours	Student?s personal work hours	Total hours
Guest lecture / keynote speech	A5 A6 A9 B4 B5 B6 B8 B9 B10 B11 B12 C1 C2 C3 C4 C5	12	0	12
Problem solving	A8	16	0	16
Supervised projects	A5 A6 A9	28	0	28
Objective test	A1 A2 A3 A7 A8 B8	1	12	13
Oral presentation	A12 B4 C1	1	3	4
Personalized attention		2	0	2

(*)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	Clases presenciais teóricas
Problem solving	Evaluación continua del alumno mediante preguntas y cuestiones orales durante el curso. Resolución de problemas y casos prácticos
Supervised projects	Realización de trabajos e informes escritos
Objective test	Examen final
Oral presentation	Exposición oral (trabajos, informes, problemas y casos prácticos)

Personalized attention	
Methodologies	Description



Problem solving Guest lecture / keynote speech Supervised projects	The tutorials will be used to clarify doubts and follow up the tutored work. They will be held on the Teams platform during the timetable published on the Faculty's website.
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Assessment			
Methodologies	Competencies	Description	Qualification
Problem solving	A8	Evaluación continua del alumno mediante preguntas y cuestiones orales durante el curso. Resolución de problemas y casos prácticos	10
Objective test	A1 A2 A3 A7 A8 B8	Examen final	55
Oral presentation	A12 B4 C1	Exposición oral de trabajos, informes, problemas o casos prácticos.	15
Supervised projects	A5 A6 A9	Realización de trabajos e informes escritos	20

Assessment comments
In order to maximise learning, students should prepare the recommended readings and texts in advance and carry out all the activities set out by the teachers. The aggregate grade must be equal to or higher than 5 points out of 10 to pass the subject. Notes for the second opportunity For the second opportunity (July), students who do not pass the subject at the first opportunity must take the exam on the established date and can revise and improve the activities of the other three components of the assessment.

Sources of information	
Basic	Curto Rodríguez, E.; García Chas, R.; Castro Casal, C. (Coord.) (2012). Fundamentos de Dirección de Empresas. Pearson. Díez De Castro, J; Redondo López, C.; Barreiro Fernández, B.; López Cabarcos, M. A. (2002). Administración de empresas. Dirigir en la sociedad del conocimiento. Pirámide. Robbins, S.; Coulter, M. (2014). Administración (12ª edición). Pearson-Prentice Hall. Robbins, S.; DeCenzo, D.A. (2009): Fundamentos de administración. Conceptos esenciales y aplicaciones. Pearson-Prentice Hall.
Complementary	Moyano Fuentes, J.º Bruque Cámara, S.º Maqueira Marín, J.º Fidalgo Bautista, F. y Martínez Jurado, P. (2011). Administración de empresas. Un enfoque teórico-práctico. Pearson. González Domínguez, F. y Ganaza Vargas, J. (Coord.) (2007). Principios y fundamentos de gestión de empresas. Pirámide.

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
No previous knowledge is required to take this subject. Master's website: http://www.usc.es/gl/centros/quimica/curso/master.html - According to the different regulations applicable to university teaching the gender perspective must be incorporated in this matter (non-sexist language will be use, bibliography of authors of both sexes will be used, student participation in class will be encouraged...)- Work will be done to identify and modify sexist attitudes and influence the environment to modify them and promote values of respect and equality.- Situations of discrimination based on gender must be detected and actions and measures to correct them will be proposed.



(*)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.