

**COURSE DATA****Data Subject**

Code	44619
Name	The industry of the chemist
Cycle	Master's degree
ECTS Credits	5.0
Academic year	2018 - 2019

Study (s)

Degree	Center	Acad. year	Period
2218 - M.U. en Química	Faculty of Chemistry	1	First term

Subject-matter

Degree	Subject-matter	Character
2218 - M.U. en Química	13 - The industry of the chemist	Optional

Coordination

Name	Department
GIMENEZ SAIZ, CARLOS	320 - Inorganic Chemistry

SUMMARY**English version is not available**

Esta asignatura tiene como finalidad aplicar los conocimientos adquiridos en química a los sectores de la industria más comunes y, especialmente, a los de mayor presencia en la Comunidad Valenciana. La asignatura la impartirán profesionales de la industria y de la Empresa Química, miembros del Ilustre Colegio de Químicos de la Comunidad Valenciana, que actuarán como profesores externos.

Adicionalmente, el Ilustre Colegio de Químicos de la Comunidad Valenciana imparte varios seminarios, conferencias y talleres relativos a la identificación de salidas profesionales en la industria química, la empleabilidad, y el emprendimiento, haciendo uso de las técnicas y herramientas apropiadas para la búsqueda de empleo y la inserción laboral.



PREVIOUS KNOWLEDGE

Relationship to other subjects of the same degree

There are no specified enrollment restrictions with other subjects of the curriculum.

Other requirements

OUTCOMES

2218 - M.U. en Química

- Students should be able to integrate knowledge and address the complexity of making informed judgments based on incomplete or limited information, including reflections on the social and ethical responsibilities associated with the application of their knowledge and judgments.
- Be able to solve complex chemistry problems, whether in the academic, research or industrial application areas at a specialization or masters-level.
- Possess the necessary skills to develop multidisciplinary activities within the field of chemistry at the master's level.
- Be able to design, perform, analyse and interpret experiences and complex data in the environment of chemistry at a specialization level.
- Acquire advanced knowledge to assess the importance of chemistry in health, the environment, new materials and energy.
- Acquire the necessary advanced knowledge to assess the importance of chemistry in economic and social development in a context of specialization.

LEARNING OUTCOMES

English version is not available

DESCRIPTION OF CONTENTS

1. Recycling tyres

Structure and composition of tyres. Fabrication process. SIGNUS.
Different ELTs recycling processes and technical applications.
Thermolysis of ELTs. Fabrication process.



2.

3.

4.

5.

6.

7.

WORKLOAD

ACTIVITY	Hours	% To be attended
Theory classes	50,00	100
Study and independent work	30,00	0
Preparation of evaluation activities	30,00	0
Preparation of practical classes and problem	15,00	0
TOTAL	125,00	

TEACHING METHODOLOGY

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EVALUATION

English version is not available