DG CCE

What will you learn in this double degree?

- Basic training in science and industrial engineering
- Synthesis and characterisation of products
- Materials development
- Separation processes and reactors
- Industrial processes
- Energy, fuels and environment
- Safe handling of chemicals
- Quality control and management
- Project management and development

And, above all, how to be a scientist and an engineer.



Metrovalencia. Line 4 (Vicent Andrés Estellés o À Punt stop) EMT. Line 63 (Xàtiva – Noves Facultats) Metrobus. Line 165 (Quart de Poblet – Manises – Paterna – Burjassot) Valenbisi 🕤 Mibisi 🧿 Bike Iane València – Burjassot

Universitat de València Facultat de Química Campus de Burjassot - Paterna

Dr. Moliner, 50 46100 Burjassot, València

Tel. 963 544 323 (Secretary) Email – fac.quimica@uv.es

f y D 🛛 in

@facquimicauveg



Email – etse@uv.es

Universitat de València

Campus de Burjassot - Paterna

Avda. de la Universidad s/n

Tel. 963 543 211 (Secretary)

46100 Burjassot, València

ETSE-UV

Studying Chemistry / Chemical Engineering at the UV

- Highly practical training
- Fully equipped labs
- Small groups
- Work placements
- International mobility
- Professional qualification: technical industrial engineer

Who is it addressed to?

- Students with upper secondary school education in science and technology
- Students with higher-level vocational training
- Students interested in technology for industrial processes
- Students interested in cross-curricular scientifictechnical training
- Students attracted to chemistry and industrial process engineering
- Students aware of sustainable development
- Students with abstraction and problem-solving capacities

UNIVERSITAT DE VALÈNCIA

Industries as diverse as the chemical and petrochemical, food, pharmaceutical, cosmetics, ceramics, textile, paper, environmental... demand professionals with extensive knowledge of synthesis and characterisation of materials and with technical and organisational capabilities to face the challenges and opportunities of the industry.

Accept the challenge.

Double Degree in Chemistry / Chemical Engineering



QUIMICA



ETSE-UV

Vniver§itat īd València



www.uv.es/double-degree/chemistry-chemical-engineering/



	Scientific and		Chemistry and Chemical	(330 ECTS	
	technical bases	Chemistry	Engineering	Industrial Engineering	Process Engineering
1 °	Mathematics I and II Physics I and II Engineering Graphics Informatics Business	· General Chemistry I and II	· Chemistry Laboratory		 Fundamentals of Chemical Engineering
2°	Mathematics III	Organic Chemistry I Physical Chemistry I Analytical Chemistry I Inorganic Chemistry I	 Physical Chemistry Laboratory I Organic Chemistry Laboratory I Analytical laboratory of Chemistry I 	 Applied Thermodynamics and Heat Transfer Fluid Mechanics Principles of Electrical Engineering & Electronics Environment and Sustainability 	
3°		Organic Chemistry II Physical Chemistry II and III Analytical Chemistry II Inorganic Chemistry II	 Inorganic Chemistry Laboratory I Chemical Engineering Laboratory I 	Materials Science I and II	• Unit Operations I and II • Chemical Reaction Engineering I
4 °		Organic Chemistry III Analytical Chemistry III Biochemistry	 Physical Chemistry Laboratory II Organic Chemistry Laboratory II Analytical Chemistry Laboratory II Chemical Engineering Laboratory II 	 Theory and Design of Machines and Process Equipment Production Organisation and Management 	Unit Operations III Chemical Reaction Engineering II Process and Product Engineering I
5°		· Inorganic Chemistry III	 Inorganic Chemistry Laboratory II Chemical Engineering Laboratory III 	Technical Office	 Process and Product Engineering II Dynamics and Control Environmental Pollution Engineering

Degree Final Project

mical-engineer

chemist

Curriculum

Choose your subject and lecturer and/or a company.

International Mobility

UNIVERSIT/

DE VALENC

DG CCE

Many opportunities for international mobility. Agreements with +100 foreign universities.

Work Placements

Choose your work placement from among +60 sector companies. Minimum duration: 260 hours.

The double degree lasts 5 ve

Double Degree in Chemistry / Chemical Engineering

Career opportunities

- Technical industrial engineer
- Scientific and technological researcher
- Analyst/designer of equipment, processes and products
- Technician in operation, control and maintenance of chemical process plants
- Quality, environment, health and/or safety technician/ analyst
- Technology expert/auditor/consultant
- High school teacher or university lecturer

Master's degree programmes

- Chemistry
- Experimental Techniques in Chemistry
- Nanoscience and Nanotechnology
- Organic Chemistry
- Chemical Engineering
- Environmental
 - Engineering
- Erasmus-Mundus Theoretical Chemistry and Computational Modelling

FACULTAT DE ETSE-U QUÍMICA

Vniver§itat d València

EUR-ACE

Doctoral degree programmes

- Chemistry
- Chemical, Environmental and Process Engineering
- Sustainable Chemistry
- Electrochemistry,
- Science and Technology
- Experimental Techniques in Chemistry
- Nanoscience and
- Nanotechnology
- Theoretical Chemistry and Computational Modelling

#facquimicauveg #etseuv

www.uv.es/quimica

www.uv.es/etse