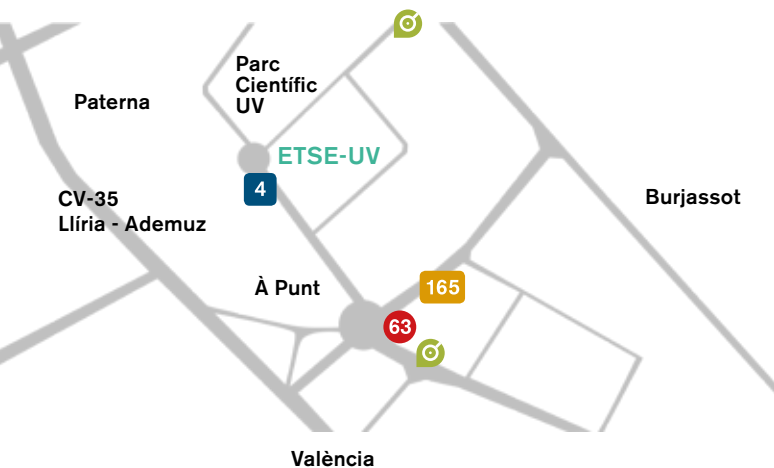


### What will you learn in this degree?

- Basic training in Industrial engineering
- Materials, energy and fuels
- Separation processes
- Reactors
- Environmental technologies
- Industrial processes
- Projects management and development

And, above all, how to be an engineer.



Metrovalencia. Line 4 (TVV stop)  
 EMT. Line 63 (Xàtiva – Noves Facultats)  
 Metrobus. Line 165 (Quart de Poblet – Manises – Paterna – Burjassot)  
 Valenbisi Mibisi Bike lane València – Burjassot

Universitat de València  
 Escola Tècnica Superior d'Enginyeria  
 Campus de Burjassot - Paterna

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 46100 Burjassot, València

Tel. 963 543 211 (Secretary)  
 Fax 963 543 207  
 Mail – [etse@uv.es](mailto:etse@uv.es)

Web – [www.uv.es/degree/chemical-engineering](http://www.uv.es/degree/chemical-engineering)



@etseuv

### Studying Chemical Engineering at ETSE-UV

- Highly practical training
- Highly equipped labs
- Small groups
- Work placements
- International mobility
- Professional qualification: Industrial Technical Engineer

### Who is it addressed to?

- Baccalaureate students of Science and Technology
- Students from Higher Level Training Cycles in technical specialties
- Students interested in industrial processes technology
- Students aware of sustainable development
- Students with abstraction and problem-solving capacity

### ETSE-UV

The sustainable production of food and beverages, cosmetics, detergents, medicines, fuels, plastics, textiles, paints and varnishes, adhesives, building materials, paper... demands professionals capable of working in multidisciplinary environments providing technical solutions to face the challenges and opportunities of the industry.

Accept the challenge.

UNIVERSITAT  
 DE VALÈNCIA

Degree in Chemical  
 Engineering



## Programme

The Degree lasts 4 years (240 ECTS).

	Science for Engineering	Industrial Engineering	Process Engineering	Environmental Engineering
1°	<ul style="list-style-type: none"> <li>Mathematics I, II and III</li> <li>Physics I</li> <li>Chemistry I</li> <li>Engineering, Society and University</li> <li>Business</li> <li>Engineering Graphics</li> <li>Informatics</li> </ul>		<ul style="list-style-type: none"> <li>Basis of Chemical Engineering I</li> </ul>	
2°	<ul style="list-style-type: none"> <li>Physics II</li> <li>Chemistry II</li> </ul>	<ul style="list-style-type: none"> <li>Materials Science I and II</li> <li>Principles of Electrical Engineering and Electronics</li> <li>Applied Thermodynamics and Heat Transfer</li> <li>Fluid Mechanics</li> </ul>	<ul style="list-style-type: none"> <li>Basis of Chemical Engineering II</li> <li>Chemical Reaction Engineering I</li> </ul>	<ul style="list-style-type: none"> <li>Environment and Sustainability</li> </ul>
3°		<ul style="list-style-type: none"> <li>Dynamics and Control</li> <li>Theory and Design of Machines and Process Equipment</li> <li>Management and Organisation of Production</li> </ul>	<ul style="list-style-type: none"> <li>Unit operations I, II and III</li> <li>Chemical Reaction Engineering II</li> <li>Process and Product Engineering I</li> <li>Chemical Engineering Laboratory I and II</li> </ul>	<ul style="list-style-type: none"> <li>Environmental Pollution Engineering</li> </ul>
4°		<ul style="list-style-type: none"> <li>Technical Office</li> </ul>	<ul style="list-style-type: none"> <li>Process and Product Engineering II</li> <li>Chemical Engineering Laboratory III</li> </ul>	

**Optional** Flexible and specialised training in the 4th year through optional subjects

<ul style="list-style-type: none"> <li>Instrumental Techniques of Chemical Analysis</li> </ul>	<ul style="list-style-type: none"> <li>Industrial Safety and Occupational Risk Prevention</li> <li>Quality Management</li> </ul>	<ul style="list-style-type: none"> <li>Energy Technology and Process Integration</li> <li>General Services and Auxiliary Systems</li> </ul>	<ul style="list-style-type: none"> <li>Air Pollution Control and Waste Management</li> <li>Water Treatment Technologies</li> </ul>
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### Degree Final Project

Choose your subject and professor and/or a company.

### Movilidad Internacional

Ample opportunities of international mobility. Agreements with +100 foreign universities.

### Pràctiques

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

ETSE-UV

# Degree in Chemical Engineering



GIQ

UNIVERSITAT DE VALÈNCIA

## Career opportunities

- Industrial Technical Engineer
- Analyst and equipment, processes and products designer
- Chemical process plant operations, control and maintenance technician
- Environmental technician
- Quality, hygiene and security manager
- Technology expert | auditor | consultant
- Technical advisor, legal and commercial

## Connection with postgraduate studies

- Master's Degree in Chemical Engineering
- Master's Degree in Environmental Engineering
- Doctoral Programme in Chemical, Environmental and Process Engineering

## Other degrees at ETSE-UV

- Multimedia Engineering
- Telematics Engineering
- Industrial Electronic Engineering
- Computer Engineering
- Data Science
- Telecommunications Electronic Engineering

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