Automatic manufacturing, robots, the internet of things, advanced instrumentation, the generation of sustainable energy, the electric vehicle… are part of the technological and industrial revolution that is changing how we live, work and relate.

It is INDUSTRY 4.0.

Accept the challenge.

What will you learn in this degree?

— Basic training in Industrial Engineering
— Industrial automation
— Industrial electronics
— Industrial control
— Advanced instrumentation
— Industrial design projects

And, above all, how to be an engineer

Who is it addressed to?

— Baccalaureate students of Science and Technology
— Students from Higher Level Training Cycles in technical specialties
— Students interested in new technologies applied to industrial automation, instrumentation and energy conversion
— Students with the ability to solve problems and propose solutions

What will you learn in this degree?

— Basic training in Industrial Engineering
— Industrial automation
— Industrial electronics
— Industrial control
— Advanced instrumentation
— Industrial design projects

And, above all, how to be an engineer
Choose your work placement among +60 sector companies.
Minimum duration: 260 hours.
Ample opportunities of international mobility.
Agreements with +100 foreign universities.

<table>
<thead>
<tr>
<th>Programme</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Science for Engineering</strong></td>
</tr>
<tr>
<td><strong>Industrial Engineering</strong></td>
</tr>
<tr>
<td><strong>Automation and Control</strong></td>
</tr>
<tr>
<td><strong>Industrial Electronics</strong></td>
</tr>
<tr>
<td><strong>Advanced Electronic Systems</strong></td>
</tr>
<tr>
<td>1º · Mathematics I, II and III · Physics I · Chemistry I · Engineering, Society and University · Business · Engineering Graphics</td>
</tr>
<tr>
<td>· Principles of Electrical Engineering and Electronics</td>
</tr>
<tr>
<td>2º · Physics II · Chemistry II</td>
</tr>
<tr>
<td>· Materials Science · Environment and Sustainability · Applied Thermodynamics and Heat Transfer · Fluid Mechanics · Theory and Design of Machines and Process Equipment</td>
</tr>
<tr>
<td>· Industrial Automation</td>
</tr>
<tr>
<td>· Electrical Technology · Electrotechnics · Electronic Technology</td>
</tr>
<tr>
<td>3º · Project Management</td>
</tr>
<tr>
<td>· Production Planning and Organisation</td>
</tr>
<tr>
<td>· Dynamics and Control Engineering · Digital Control · Integrated Manufacturing Systems</td>
</tr>
<tr>
<td>· Power Electronics · Electric Machines</td>
</tr>
<tr>
<td>4º · Technical Office</td>
</tr>
<tr>
<td>· Advanced Automation</td>
</tr>
<tr>
<td>· Industrial Electronics</td>
</tr>
<tr>
<td>· Digital Systems II</td>
</tr>
</tbody>
</table>

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

- Energy Consultancy
- Industrial Maintenance
- Industrial Applications · Renewable Energies and their Conditioning
- CAD Techniques · Electronic Products Design

**Degree Final Project**
Choose your subject and professor and/or a company.

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

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

**Career opportunities**
- Industrial Technical Engineer
- Industrial electronics designer
- Technology expert | auditor
- Research, development and innovation
- Technological manager

**Connection with postgraduate studies**
- Master’s Degree in Electronic Engineering
- Master’s Degree in Telecommunications Engineering
- Master’s Degree in Data Science
- Doctoral programme in Electronic Engineering
- Doctoral programme in Information Technologies, Communications & Computing

**Other degrees at ETSE-UV**
- Multimedia Engineering
- Telematics Engineering
- Chemical Engineering
- Computer Engineering
- Data Science
- Telecommunications
  Electronic Engineering

**Degree in Industrial Electronic Engineering**

**DIEE**

**UNIVERSITAT DE VALÈNCIA**

www.uv.es/degree/industrial-electronic-engineering