UNIVERSITAT POLITÈCNICA DE VALÈNCIA

Bachelor's Degree in **Industrial Organization Engineering**

Engineering and Architecture
Industrial and Aeronautical

School of Industrial Engineering
Building 5F
Campus of Vera (València)

4 courses
240 credits

Spanish and valencian

Credit 19,27€
(2020/2021)
It will make you eligible for scholarships

80 places

Cut-off marks

etsii@upv.es
+34 963 877 170
www.upv.es/titulaciones/GIOI/

Introduction to the degree

The aim of this degree is to provide students with a solid grounding in science and technology to enable them to direct, advise, operate and improve organizations, production systems, processes, services and information systems to promote a competitive advantage for the organization, taking into account technological and human aspects and the economic viability of the proposals they design.

International mobility

You can spend a semester abroad at one of the universities in more than 30 different countries in Europe and around the world with which the Faculty has signed exchange agreements (University of Manchester, École Centrale Paris, INSA Lyon, Politecnico di Milano, etc). Studying at another university will help you complete your studies, as well as providing a very positive personal experience, enabling you to find out about other cultures and become fluent in other languages. You can also spend one semester at a different university in Spain.

Internships

You will have the opportunity to gain work experience in one of the many private and public companies, public bodies, technological institutes, consultancies and engineering firms where signed agreements are in place with the Faculty.

In many cases, in addition to completing your training, you will also be able to work on your final degree project.

Continuation of studies

With this degree, you will be able to access to:

Professional opportunities

Your work will be linked to positions of responsibility for people and equipment in any of the departments within an organization. In the case of industrial firms, you are likely to be in charge of the operations, production, maintenance, quality control, logistics or R&D departments, or manage continuous improvement processes or projects.

In some cases, you will be responsible for marketing or occupational risk prevention. You may also work in firms dedicated to other economic activities such as services, especially consultancy and logistics providers. You may also choose to work in public administration or research and development, or teaching (at a secondary school or university).

Study at the UPV

and be part of
Spain's best technological university
according to the Shanghai ranking

Enjoy our huge campuses with spaces designed for you such as the **Student Recreation House**.

You can do up to **40 sports** in our facilities.

You will find many services at your disposal: language classes, discounts in public transport, counselling, employability support…

UNIVERSITAT POLITÈCNICA DE VALÈNCIA

Bachelor's Degree in Industrial Organization Engineering

Curriculum

Credits for obtaining the degree

Basic courses	Compulsory	Elective	Internship	TFG	Total
60.00	121.50	46.50	0.00	12.00	240.00

The subjects that you will be able to take

Basic courses

Chemistry
Computer Science
Industrial Business and Economy
Mathematics I - II
Physics I - II
Statistics
Technical Drawing

Compulsory courses

Accounting and Financial Analysis for Industrial Organisation
Analysis and Marketing of Technology-Based Products and Services
Automatic Control Systems
Circuit Analysis
Competitiveness and Innovation in Business
Cost Analysis and Selection of Industrial Investments
Elasticity and Strength of Materials
Electronic Systems
Environmental Technology
Fluid Mechanics
Fundamentals of Business Organization
Heat Transfer
Human Resources Management in Manufacturing
Integrated Information Systems for Industrial Engineering
Material Science
Operation Scheduling
Production and Logistic System Design
Production and Manufacturing Systems
Production and Stock Planning
Projects
Quantitative Methods for Industrial Organisation
Statistical Quality Control
Theory of Machines
Thermodynamics
Work Study

Elective courses

Academic and Professional French A1 - A2 - B1 - B2
Academic and Professional German A1 - A2 - B1 - B2
Academic and Professional Italian A1 - A2
Academic Exchange IA - IB - IC
Business Process Management. Implementation, Development and Simulation
Comunicación Efectiva y Trabajo en Equipo
Construction Technology
Control and Automation Technology
Distribution and Reverse Logistics
Electrical Machines
Electrical Technology
Electronic Technology
Energy Technology
Engineering Graphics
English B2 - B2.3
English I
High Performance Teams in Continuous Improvement
Hydraulic Machines
Industrial Informatics Technology
Information Systems and Knowledge Management
Integrated Information Systems in Industrial Enterprises
Machine Design Technology
Maintenance of Production Systems
Materials Technology
Occupational Risk Prevention and Security. Basic Legislation for Industrial Companies
Scientific and Technical French - B1
Strategic Management
Structures
Thermal Machines
Technical Valencian C1 - C2
Total Quality Management
Warehouse Design and Management