

**LEAD ENGINEERING
PROJECTS AND
MANAGE COMPANIES
AND BUSINESSES
IN AN INTEGRAL,
INNOVATIVE WAY**



DEGREE IN INDUSTRIAL ORGANISATION ENGINEERING

HIGHER POLYTECHNIC SCHOOL

4 years

240 ECTS



IN-CLASS/ONLINE

CAREER OPPORTUNITIES

- Management of processes and projects regarding production, quality, logistics, technological development, innovation, etc.
- Business creation and development of new businesses.
- Business management in areas of marketing, finance, human resources, etc.



- ✓ BUSINESS-ORIENTATED PRACTICAL TRAINING
- ✓ CONTINUOUSLY UPDATED EQUIPMENT AND SOFTWARE
- ✓ WORK PLACEMENTS
- ✓ TEACHERS IN TOUCH WITH THE PROFESSION

VALLADOLID (SPAIN)
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WE FOSTER YOUR
TALENT AND YOUR
PROFESSIONAL CAREER



PROFESSIONAL
FOCUS AND JOB
OPPORTUNITIES



UEMC
ENTREPRENEURS
CLUB



INTERNATIONAL
MOBILITY

STUDY PROGRAMME

FIRST YEAR

SEMESTER 1	ECTS	SEMESTER 2	ECTS
Mathematical Fundamentals I	6	Mathematical Fundamentals II	6
Physics I	6	Physics II	6
Business Economics	6	Programming Fundamentals	6
Engineering Chemistry	6	English I	6
ICT for Business Management	6	Graphic Expression and CAD	6

SECOND YEAR

SEMESTER 1	ECTS	SEMESTER 2	ECTS
Thermodynamics	6	Fluid Mechanics	6
Electronic Technology	6	Electrical Technology	6
Microeconomics	6	Elasticity and Resistance of Materials	6
Marketing	6	Statistics	6
Accounting	6	English II	6

THIRD YEAR

SEMESTER 1		ECTS	SEMESTER 2		ECTS
Automation		6	Environment and Renewable Energies		6
Business Strategy		6	Finance		6
Quantitative Organisation Methods I		6	Quantitative Organisation Methods II		6
Organisation of Operations and Industrial Production Systems		6	Human Resource Management		6
Optional*	Effective Communication Techniques	6	Optional*	Technology-based Business Models	6
	Commercial Law	6		Digital Marketing	6
	Technical English I	6		Information Systems	6
	Artificial Intelligence	6		Industrial Construction Design	6

FOURTH YEAR

SEMESTER 1	ECTS	SEMESTER 2	ECTS
Team Management and Leadership			12
Project Management	6	Practicum II	6
Entrepreneurial Initiative and Business Creation	6	Total Quality Management	6
Practicum I	6	Business Innovation	6
	Occupational Risk Prevention	Dissertation	6
Optional*	Production and Logistics		
	Technical English II		

SCHOLARSHIPS AND STUDY GRANTS



DOUBLE DEGREE POSSIBLE WITH:



BUSINESS ADMINISTRATION AND MANAGEMENT (ADE)



(*) Students must choose 18 credits in optional subjects of their choice, although under current regulations the University can recognise up to 6 of these credits based on participation in university activities related to culture, sport, student representation, collaboration with departments, groups and research projects, charity, cooperation or similar.

Prospectus published in May 2018. The content of these programmes may be subject to variations depending on legislative changes and their implementation. It will also be subject to internal organisational requirements.