Bachelor's degree in Industrial Technology Engineering
Barcelona School of Industrial Engineering (ETSEIB)

The bachelor's degree in Industrial Technology Engineering provides knowledge of the range of industrial technologies and offers a multidisciplinary, unifying view of the field of industrial engineering. You will be trained in basic scientific and technological disciplines that will equip you to learn about new methods and theories and gain in-depth knowledge of industrial fields, including technological and business aspects such as project planning, supervision and management, whilst observing social and environmental requirements. Upon completion of your studies, you will have developed the versatility to adapt to changing working environments and to future technological developments that will improve products and processes in the sector.

GENERAL DETAILS

Duration
4 years

Study load
240 ECTS credits (including the bachelor's thesis). One credit is equivalent to a study load of 25-30 hours.

Delivery
Face-to-face

Language of instruction
Check the language of instruction for each subject (and timetable) in the course guide in the curriculum.

Information on language use in the classroom and students’ language rights.

Fees and grants
Approximate fees per academic year: €1,107 (€1,661 for non-EU residents). Consult the public fees system based on income (grants and payment options).

Location
Barcelona School of Industrial Engineering (ETSEIB)

Official degree
Recorded in the Ministry of Education's degree register

ADMISSION

Places
400

Registration and enrolment
What are the requirements to enrol in a bachelor's degree course?

Legalisation of foreign documents
All documents issued in non-EU countries must be legalised and bear the corresponding apostille.
DOUBLE-DEGREE AGREEMENTS

With other Catalan universities
- Bachelor's degree in Industrial Technology Engineering / Master's degree in Industrial Engineering / Bachelor's degree in Business Administration and Management (UOC)

With universities around the world
- Bachelor's degree in Industrial Technology Engineering + Master's degree in Industrial Engineering and Master ingénieur civil from the Université Libre de Bruxelles (ULB).

Within the framework of the courses offered by the Interdisciplinary Higher Education Centre (CFIS)
You can also take an interdisciplinary double degree coordinated by the CFIS at two UPC schools.

Further information on the CFIS website

PROFESSIONAL OPPORTUNITIES

Professional opportunities
- Supervision and management of projects, facilities, plants, businesses and technology centres in a range of industrial sectors such as energy; iron and steel; metallurgy; chemicals; robotics; the automotive and rail industries; metal, mechanical and electrical construction; and smart materials, nanotechnology and bioengineering
- Design, calculation and design of products, processes, facilities and equipment.
- Strategic planning, quality management and environmental management.
- Research, development and innovation in products, processes and methods.

ORGANISATION: ACADEMIC CALENDAR AND REGULATIONS

Academic calendar
General academic calendar for bachelor’s, master’s and doctoral degrees courses

Academic regulations
Academic regulations for bachelor’s degree courses at the UPC

Language certification and credit recognition
Queries about language courses and certification

Barcelona School of Industrial Engineering (ETSEIB)

This bachelor’s degree is also taught at
- Terrassa · ESEIAAT · Show degree

CURRICULUM

<table>
<thead>
<tr>
<th>Subjects</th>
<th>ECTS credits</th>
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<tr>
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