Bachelor's degree in Industrial Technologies and Economic Analysis (interuniversity UPC-UPF degree)

The bachelor's degree in Industrial Technologies and Economic Analysis combines industrial engineering topics and the fundamentals of economics to provide high-level interdisciplinary training that will allow you to adapt to new situations and assimilate the future technological developments that will enable businesses to improve their products and processes.

The degree is taught entirely in English at the Universitat Politècnica de Catalunya (UPC) and Pompeu Fabra University (UPF). It responds to the need for new industrial leaders who have both a thorough understanding of innovation and technology and detailed knowledge of economics. It will give you the opportunity to work on innovation projects in placements at national and international companies, as well as excellent employment prospects.

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### 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

**Timetables**

Morning and afternoon

**Language of instruction**

English

**Fees and grants**

Approximate fees per academic year: €2,551 (€3,826 for non-EU residents). [Consult the public fees system based on income (grants and payment options).](#)

**Scholarships**

The degree has an own scholarship program for [Scholarships for the university system](#).

### ADMISSION

**Places**

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**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](#).

### 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.

- Calculation and design of products and processes that have an effect on the economic situation, the business sector, the market and business activities.
- Strategic planning, micro- and macroeconomics, quality management and environmental management.
- Research, development and innovation and the analysis of their implications in the management of products, processes and methods.
- Leadership and management of economic environments undergoing change.
- Economics and management of businesses in regulated sectors and network services.

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**ORGANISATION**

**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)

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**CURRICULUM**

February 2019. **UPC. Universitat Politècnica de Catalunya · BarcelonaTech**