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.

Aptitude test

To gain admission to the bachelor's degree, you must have a good level of English and pass an aptitude test, which has two parts:

1. an essay in English explaining your motivation for taking the degree that demonstrates your capacity and suitability for this course of study, and
2. an interview in English in which you must demonstrate that you can use the language in an interactive academic environment. The University Admissions Office awards the places according to applicants' marks in university entrance examinations, in accordance with prevailing legislation.

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: €2,431 (€3,646 for non-EU residents). Consult the public fees system based on income (grants and payment options).

Official degree
Pending validation by the Universities Council.

ADMISSION

Places
40

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**.

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**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**

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