Bachelor's degree in Electronic Engineering and Telecommunications

Today, practically all spheres of human activity require the support of electronics, including communications systems, multimedia services, industrial process control, energy management, the automobile industry, medicine, etc., all of which depend on electronics and its ability to cut across disciplines. In addition, the current trend in clean electricity makes electronics more present than ever: from microchips to train engines, electronics is everywhere.

This bachelor's degree aims to cover the needs of companies and institutions in a wide range of sectors that require staff who are highly qualified in design and technological development in the field of electronics. It provides a solid grounding in the principles of electronics and mathematics and gives students the skills they need to work in a field whose future is beyond our imagination.

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

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).

ADMISSION

Places
50

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
Graduates may find employment in the areas of ICT engineering. They will be equipped to supervise and carry out tasks related to the design, implementation and management of electronic systems in fields and sectors such as the following:
- Consumer electronics.
- Telecommunications.
- Microtechnology and nanotechnology.
- Automobile industry.
- Automatic control and robotics.
- Multimedia, image and sound.
- Energy and sustainability.
- Medicine and health.
- Bioengineering.
- Photonics and light technologies.
- Aeronautics and aerospace industry.
- R&D centres.

### 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 Telecommunications Engineering (ETSETB)

### CURRICULUM

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