Bachelor's degree in Civil Engineering Technologies (taught in English)

New social, environmental and economic models and scenarios pose significant challenges that make it necessary to adapt current structures and systems such as mobility management, transport and logistics systems, large infrastructure management, water supply, energy sources, waste reduction and environmental protection.

The world is changing and it needs professionals who are able to provide innovative and creative solutions from a global perspective using the knowledge of the twenty-first century. Civil engineering is an essential part of this development towards the societies of the future. It contributes to the improvement of people’s quality of life, environmental protection and economic growth.

The bachelor’s degree, which is taught at the Barcelona School of Civil Engineering, produces graduates who have a multifaceted, versatile approach and a solid grounding in basic sciences. The bachelor’s degree in Civil Engineering Technologies will provide you with a solid grounding in both science and engineering tools and technologies that will fully prepare you for the master’s degree in Civil Engineering.

In the final year of the bachelor’s degree you will be able to choose the optional subjects that most interest you and acquire skills as current and sought-after by companies as those involved in big data, smart cities, modelling and entrepreneurship.

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 (€3,827 for non-EU residents). Consult the public fees system based on income (grants and payment options).

Location
Barcelona School of Civil Engineering (ETSECCPB)

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.

PROFESSIONAL OPPORTUNITIES

Professional opportunities
The bachelor’s degree is the first part of the training to qualify as a civil engineer, after you have completed the master’s degree in Civil Engineering. As a graduate, you will be able to join project engineering companies, consultancy firms, construction companies, R&D departments and also the financial and service sectors.

- Planning, management and use of infrastructure in the public administration or private bodies (posts: head
- Management and/or execution at construction companies (posts: manager, general manager, technical manager, director of studies, production specialist, quality control specialist).
- Management at contractors (posts: manager, general manager, financial specialist).
- Project engineering and consulting and site and project management for public works (posts: manager, general manager, head of department, specialist).
- Research on topics related to infrastructure (post: researcher).
- Freelance work or entrepreneurship.

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

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