Bachelor's degree in Civil Engineering

This bachelor's degree in Civil Engineering, aims to produce generalist engineers who have a solid grounding in the basic sciences and a wide-ranging view of civil engineering and its applications in developing and improving contemporary societies, and it seeks alternative solutions that respect the environment. How transport and cities are organised; designing roads; protecting coasts and beaches; defending against floods and earthquakes; analysing and designing large-scale infrastructure; and researching and developing new sources of energy—all of this is the work of civil engineers. The degree gives access to mobility pathways leading to double degrees with prestigious institutions across the world.

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**
- Subjects will be taught in Catalan and Spanish, depending on the student's level of comprehension and on the didactic objectives of the bachelor's degree course.

**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).

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

ADMISSION

**Places**
- 100

**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 universities around the world

- Bachelor’s degree in Civil Engineering + Master's degree in Civil Engineering and Diplôme d’ingénieur from the corresponding École Centrale (Lille, Lyon, Marseille, Nantes or Paris)
- Bachelor’s degree in Civil Engineering + Master's degree in Civil Engineering and Diplôme d’ingénieur from the École Nationale des Ponts et Chaussées
- Bachelor’s degree in Civil Engineering + Master's degree in Civil Engineering and Diplôme d’ingénieur from the École Polytechnique
- Bachelor’s degree in Civil Engineering + Master's degree in Civil Engineering and Laurea Magistrale (Ingegneria Civile or...
Bachelor's degree in Civil Engineering or bachelor's degree in Public Works Engineering + Master's degree in Civil Engineering and Diplôme d'ingénieur from the École des Ingénieurs de la Ville de Paris (EIVP).

Bachelor's degree in Public Works Engineering + Master's degree in Civil Engineering and Diplôme d'ingénieur from the École Supérieure d'Ingénieurs des Travaux de la Construction de Caen (ESITC).

Bachelor's degree in Civil Engineering or bachelor's degree in Public Works Engineering + Master's degree in Civil Engineering and Master and Diplôme d'ingénieur within the specialisation Travaux Publics from the École Spéciale des Travaux Publics, du Bâtiment et de l'Industrie (ESTP).

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

- Analysis, design and planning in relation to infrastructure projects, urbanism, landmark construction projects and logistics operations.
- Management of engineering, infrastructure and consulting companies.
- Consultancy for civil engineering firms and companies in industry and the service sector.
- Technical and management positions with government agencies.
- Self-employment.

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 Civil Engineering (ETSECCPB)

CURRICULUM

<table>
<thead>
<tr>
<th>Subjects</th>
<th>ECTS credits</th>
<th>Type</th>
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<td>Algebra and Geometry</td>
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