BACHELOR’S DEGREE IN CIVIL ENGINEERING TECHNOLOGIES

This bachelor’s degree qualifies you to officially practise as a civil engineer after taking the master’s degree in Civil Engineering. It constitutes an integrated academic programme with the master’s degree in Civil Engineering.

TECNOLOGIES DE CAMINS, CANALS I PORTS

The bachelor’s degree in Civil Engineering Technologies brings together science and technology to serve society.

Further information: camins.upc.edu

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Engineering that moves the world

Barcelona School of Civil Engineering

ESCOLA DE CAMINS

Barcelona School of Civil Engineering

GRAU EN TECNOLOGIES DE CAMINS, CANALS I PORTS

UNIVERSITAT POLITÈCNICA DE CATALUNYA
BARCELONATECH

International Campus of Excellence

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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 innovative and creative solutions from professionals who are able to provide environmental protection.

energy sources, waste reduction and infrastructure management, water supply, 

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 in Civil Engineering Technologies corresponds to the grau en Tecnologies de Camins, Canals i Ports, in Catalan. It is taught at the Barcelona School of Civil Engineering and its graduates have a multifaceted, versatile approach and a solid grounding in basic sciences.

Why this bachelor’s degree?
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.

Your bachelor’s degree!
If you are an exacting person who thinks analytically and has a solid grounding in mathematics and physics, this degree will make you into a versatile, multidisciplinary professional who is prepared to practise internationally.

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.

Complementary activities
The Barcelona School of Civil Engineering offers you the opportunity to combine theory classes, seminars and conferences with the analysis and proposal of solutions to specific problems, as well as laboratory practices and site visits.

Languages of instruction
The bachelor’s degree is taught entirely in English, which will provide you with a significant additional skill, improve your employability and allow you to perform in an international context.

Go international!
We offer more than 300 mobility places in over 24 countries from the third year of study onwards. You can choose to spend a semester or a full academic year abroad to take courses or carry out your bachelor’s thesis.

International double degrees
The Barcelona School of Civil Engineering offers several international double degrees with top institutions in both engineering and management.

Companies collaboration
To promote teamwork, collaboration and negotiation, the bachelor’s degree in Civil Engineering Technologies involves collaborating companies’ cross-disciplinary, real-world projects, which increase graduates’ employability.

Work placement
You will go on work placement at national and international companies and institutions to gain work experience.

International recognition
Both the QS World University Rankings and the National Taiwan University Ranking (NTU Ranking) rank the Universitat Politècnica de Catalunya (UPC) as the top Spanish university in the field of civil engineering, and 23rd and 77th in the world, respectively.