Bachelor's degree in Electrical Engineering  
Barcelona East School of Engineering (EEBE)

The bachelor’s degree in Electrical Engineering covers the technological fundamentals of the generation and distribution of electrical energy and the control and protection of electrical systems. You will acquire the skills needed to supervise and manage engineering projects related to electrical systems, high-, medium- and low-power installations, machine and industrial production line automation, and the generation and distribution of electrical energy. You will also become familiar with emerging fields such as electric traction and the development of renewable energies.

This bachelor's degree is taught at Barcelona East School of Engineering, EEBE.

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<th>GENERAL DETAILS</th>
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<tr>
<td><strong>Duration</strong></td>
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<tr>
<td><strong>Study load</strong></td>
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<tr>
<td><strong>Delivery</strong></td>
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<th>ADMISSION</th>
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<td><strong>Places</strong></td>
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<td><strong>Registration and enrolment</strong></td>
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<thead>
<tr>
<th>PROFESSIONAL OPPORTUNITIES</th>
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<tr>
<td><strong>Professional opportunities</strong></td>
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<tr>
<td>• Supervision and management of engineering projects related to the design, analysis, construction, verification and maintenance of systems and equipment for generating, transporting and distributing electrical energy.</td>
</tr>
<tr>
<td>• Analysis, design, testing and control of domestic and industrial electrical installations.</td>
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<tr>
<td>• Management of electrical power systems, installations and drives.</td>
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<tr>
<td>• Design, installation and maintenance of electromechanics, automation and industrial production lines.</td>
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<tr>
<td>• Energy and environmental management.</td>
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<tr>
<td>• Energy generation in wind and photovoltaic power systems.</td>
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</table>
• Drafting of technical, advisory and feasibility reports.
• Management, organisation, planning and quality control.
• Teaching and research.

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 East School of Engineering (EEBE)

This bachelor’s degree is also taught at
• Terrassa · ESEIAAT · Show degree
• Vilanova i la Geltrú · EPSEVG · Show degree

CURRICULUM

<table>
<thead>
<tr>
<th>Subjects</th>
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<td>Environmental Technologies and Sustainability</td>
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<td>Materials Science and Technology</td>
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<td>Numerical Calculus. Differential Equations</td>
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**EIGHTH SEMESTER**

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January 2020. [UPC. Universitat Politècnica de Catalunya - BarcelonaTech](https://www.upc.edu)