Master in Energy Engineering

2024-2025

www.upc.edu/masters-sessions

Now, UPC masters degrees!

Register to the information sessions
Master in Energy Engineering

1. UPC/ETSEIB introduction
2. Master in Energy Engineering
3. Q & A
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<th>Category</th>
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<td>Students</td>
<td>29,812</td>
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<td>PDI</td>
<td>3,523</td>
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<td>PAS</td>
<td>2,074</td>
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<td>Graus</td>
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<td>Màsters</td>
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<td>Programmes de doctorat</td>
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<td>Centres docents</td>
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<td>Patents el darrer any</td>
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<td>Pressupost 2023</td>
<td>348 M</td>
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<td>Ingressos per R+D+I (2021)</td>
<td>72,7 M</td>
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<tr>
<td>Alumni</td>
<td>70,151</td>
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- **16 Departments**
- **2 Institutes**
- **2 Bachelor degrees (GETI, GETIAE)**
- **15 Master’s programs**
- **3379 Students**
- **446 Teaching and Research Staff (PDI)**
- **126 Administrative and Support Staff (PAS)**
ETSEIB School

ETSEIB: Escola Tècnica Superior d’Enginyeria Industrial de Barcelona

Over 170 years of educating professionals with a very strong scientific and technical foundation

https://etseib.upc.edu/
ETSEIB Master's degree programmes

1. Master's degree in Neuroengineering and Rehabilitation (with UAB)
2. Master's degree in Biomedical Engineering (with UB)
3. Master's degree in Automatic Control and Robotics
4. Master's degree in Automotive Engineering
5. Master's degree in Management Engineering
6. Master in Nuclear Engineering / EMINE
7. Master in Electric Power Systems and Drives
8. Master in Thermal Engineering / DENSYS
ETSEIB Double Degree programmes

Master's degree in Industrial Engineering

+ 

Master's degree in Automatic Control and Robotics
Master's degree in Automotive Engineering
Master's degree in Management Engineering
Master in Energy Engineering
Master in Nuclear Engineering /EMINE
How to apply

(https://etseib.upc.edu/en/Academic%20programmes/academic-procedures/acces/application-msc-programmes)

- **Application**
  Deadline: 13th of May 2024

- **Acceptance (Academic Comission)**
  June 2024

- **Provisional listing of accepted students**
  Before the end of June 2024

- **Students' acceptance**
  Up to 7 days from the publication of the listing

- **Definitive listing of accepted students**
  Mid-July 2024

- **Enrolment**
  Check information at website etseib.upc.edu
How to apply

(https://etseib.upc.edu/en/Academic%20programmes/academic-procedures/acces/application-msc-programmes)

How to apply:

Apply UPC Admissions: Application

To validate the request, it is necessary to complete the information for every field:

- Personal data
- Academic details
- Required documentation

- Application (*) (choose 3 specialty options for the master required)
- Data protection
- Pre-enrolment fees (General information about UPC” on this page)
Admission and enrollment process

Pre-enrollment in the application:
1. Processing
2. Payment to be confirmed
3. Send

Please, check that all the required documentation has been submitted

PAYMENT of 300€
(ADVANCED PAYMENT OF ENROLMENT FEES)

Acceptance of the place

Submission of original documents and delivery of copies

Enrollment on line or in person

Start of the Master’s degree
... further information

FAQ’s

Check the most frequently asked questions in this document.

International Relations and Admissions Office

Face-to-face opening office hours:
from Monday to Friday 11 am to 1:30 pm
and Tuesday 3.00 pm to 17.30 pm

Information request: https://demana.upc.edu/etseib/

📞+34 93 401 59 27
Master in Energy Engineering
120 ECTS (2 years)
60 seats (30 linked to InnoEnergy masters)

**Main admission profiles:** BSc in Industrial Technologies (mechanical, electrical, energy, chemical).

**Secondary profiles:** for other degrees, the need for additional training is assessed on a case-by-case basis.

**Admission criteria**
- English level B2.2 and Spanish level B2 are required (foreign students; not applicable in the case of courses taught in English).
- Academic record.
- First degree and university of origin.
- Professional experience

**Objectives:**
- Train professionals being able to face challenges related to energy: resources, production technologies, energy transport and distribution, environmental impact, efficiency, saving and rational use of energy.

**Mode:** face-to-face.

**Language:** All mandatory courses and most of electives courses are given in English.
This master's degree has received the mention "International Master's Programme", which is awarded by the Agency for Management of University and Research Grants (AGAUR) of the Generalitat de Catalunya.

Program structure:

S1: 20 compulsory ECTS + 10 optional ECTS
S2: 15 compulsory ECTS + 15 optional ECTS
S3: 30 optional ECTS
S4: 30 ECTS Final Master Thesis

Specializations:
- Renewable Energy
- Electric energy
- Thermal Energy
- Energy management

You must have completed a minimum of 30 ECTS of the specialty in order to obtain a mention in your diploma.

Possibility of:
- Mobility
- Internships in a company (15 ECTS) - Q2 and Q3
- Recognition of professional experience
Career opportunities:

Energy management, energy audits, energy planning, energy economy, technological development and exploitation of energy systems, social and environmental impacts of energy systems.

This master's is part of the InnoEnergy educational project with the following international master's programs:

- Environmental Pathways for Sustainable Energy Systems (SELECT)
- Renewable Energy (RenE)
- Smart Cities
- Smart Electrical Networks and Systems (SENSE)
Double master degree: MUEI-MUEE

Q1
35 ECTS

Q2
35 ECTS

Q3
35 ECTS

Q4
35 ECTS

Q5 (TFM)
42 ECTS

Total: 182 ECTS

https://estudis.etseib.upc.edu/ca/degree/1437
Master's in Renewable Energy - RENE

Master's in Sustainable Energy Systems - SELECT

Master's in Smart Electricity Networks - SENSE

Master's in Energy for Smart Cities

https://www.innoenergy.com/for-students/master-school/
Thank you for your attention

admissions.etseib@upc.edu