Postgraduate Courses
MASTER’S DEGREES & DOCTORAL PROGRAMMES

UNIVERSITAT POLITÈCNICA DE CATALUNYA BARCELONATECH
The leading university for Engineering, Architecture, Sciences and Technology

Innovation, talent and technology

**Shanghai Academic Ranking of World Universities, 2022**
Among the 800 best universities in the world.

**Shanghai Global Ranking of Academic Subjects, 2022**
Among the 75 best universities in the world in Instruments Science and Technology.
Among the 100 best universities in the world in Civil Engineering, Atmospheric Science and Mathematics.
Among the 150 best universities in the world in Electrical and Electronic Engineering, Water Resources and Transportation Science and Technology.

**QS World University Rankings, 2022**
Among the 320 best universities in the world and 138th in Europe.

**QS World University Rankings by Subject, 2022**
Among the 30 best universities in the world and 8th in Europe in Civil and Structural Engineering.
Among the 20 best universities in the world and 9th in Europe in Architecture and the Built Environment.
Among the 60 best universities in the world and 23th in Europe in Engineering and Technology.
Among the 55 best universities in the world in Telecommunications, Mineral and Mining and Electrical Engineering.
Among the 90 best universities in the world in Mechanical, Aeronautical and Manufacturing Engineering and Computer Sciences and Information Systems.

**THE World University Rankings, 2022**
Among the 800 best universities in the world.

The structure of university qualifications

**Bachelor’s degree**
240 ECTS

**Undergraduate degree**
Equivalent to a bachelor’s degree

**Master’s degree**
60-120 ECTS

**Doctoral degree**
Research period + Doctoral thesis

60 ECTS completed on a master’s degree or degrees

Professional career
Apply for a place on a master’s degree at the UPC

1. Consult the official master’s degrees taught at the UPC on the website [www.upc.edu/en/masters](http://www.upc.edu/en/masters).

2. The master’s degrees are grouped by subject areas: click on the ones you are interested in and consult the master’s programmes on offer.

3. For each master’s degree you will find a file containing information on the programme, including a description, the curriculum, the start date and duration, the language of instruction, timetables, fees and specific grants, the number of places available, professional opportunities, etc.

4. Check that you meet the requirements for admission to the master’s degree you wish to study.

5. Find out about pre-enrolment dates for the master’s degree and the documents you will need to apply for admission (your degree, academic record, language certificates, etc.).

6. When you have decided on a master’s degree, you will find a link to the application that will allow you to pre-enrol. You will have to register for the application and use a valid e-mail address as your username. You will then receive a password that will enable you to get into the application.

7. You will have to fill in your personal details and the academic information required, attach the supporting documents and then submit your application for administrative and academic review.

8. You will be asked to pay a fee of €30.21 for this review service. The fee applies to all pre-enrolments for master’s degrees organised by the UPC.

9. Consult the status of your application for admission at any moment via the application.

10. On the date specified, you will receive an e-mail informing you of whether you have been admitted to the master’s degree.

11. Once you have been informed that you have been admitted, you must accept the place in the pre-enrolment application and pay a fee of £300 to reserve the place. This fee will be deducted from the total enrolment fee when you enrol. If a body that has signed an agreement with our university has awarded you a grant that implies that we have to charge them directly for your enrolment fee, please let us know and we will confirm whether you should pay the £300 fee. The UPC has agreements with international institutions: BEC.AR (Argentina), CSC and CAS (China), BOLASHAK (Kazakhstan), CONACYT (Mexico), PRONABEC (Peru), SENESCYT (Ecuador), and Fundación Carolina, among other institutions.

12. Once the academic committee of the master’s degree has reviewed your application you will receive an e-mail informing you whether you have been admitted.
**MASTER’S DEGREES**
www.upc.edu/en/masters

**Access requirements**
- Holders of a Spanish official university qualification or an official university qualification issued by a university that belongs to the European Higher Education Area (EHEA) that qualifies the holder for admission to a master’s degree.
- Holders of a qualification issued by a university in a country that does not belong to the EHEA but that has, by a homologation procedure, been deemed to be equivalent to a Spanish qualification that qualifies the holder for admission to a university master’s degree.
- If the qualification has not been homologated, the UPC will verify that the course of study corresponds to a level of education equivalent to an official Spanish university degree and that the qualification obtained would provide admission to a master’s degree in the country in which it was awarded. This access route in no way implies the homologation of the qualification or its recognition for any purpose other than admission to the master’s degree. The master’s degree will, however, be fully and legally valid.

**Admission requirements**
In addition to the general requirements, specific admission requirements and criteria may be set for given master’s degrees. These specific conditions may include specific access qualifications, requisites for academic records and language and bridging course requirements. The selection process may also include an examination and an appraisal of the candidate’s CV. Further information is available on the master’s degree websites.

**Pre-enrolment**
There are two pre-enrolment periods: January to July (for the autumn semester) and October to December (for the spring semester). Find out more about admissions, pre-enrolment, enrolment and fees:
www.upc.edu/en/masters

**Fees, grants and financial aid**
Master’s degrees can have a duration either of 1 year (60 ECTS credits), 1.5 (90 ECTS credits) or 2 years (120 ECTS credits).
According to the 2022-2023 Government of Catalonia’s decree, on average, an EU resident should pay approximately €1,700 for a 60 ECTS programme, €2,500 for a 90 ECTS programme, and €3,400 for a 120 ECTS programme.
As for non-EU residents, enrolment fees are approximately €4,000 for a 60 ECTS programme, €6,000 for a 90 ECTS programme, and €8,000 for a 120 ECTS programme.
In the specific case of Erasmus Mundus master’s, fees are set by the consortium of universities responsible for organising each programme. For further information, consult the master’s degree websites.

**Languages**
Master’s degrees are taught in Catalan, Spanish or English, depending on the students’ language levels and the learning objectives of each course. For further information contact the person in charge of the master’s degree by e-mail.
www.upc.edu/en/masters

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**DOCTORAL PROGRAMMES**
www.doctorat.upc.edu/en

**Access requirements**
Access to doctoral programmes is open to candidates who meet the following condition:
- Holders of a Spanish official bachelor’s degree (or equivalent) and master’s degree.

The following candidates will also be considered:
- Holders of a qualification issued by a university in a country that does not belong to the European Higher Education Area (EHEA). If the qualification has not been homologated, the UPC will verify that the course of study corresponds to a level of education equivalent to an official Spanish master’s degree and that the qualification obtained would provide admission to a doctoral programme in the country in which it was awarded. This access route in no way implies the homologation of the qualification or its recognition for any purpose other than admission to the doctoral programme.
- Holders of a Spanish official university qualification or an official university qualification issued by a university that belongs to the EHEA that qualifies the holder for admission to a master’s degree, who have completed at least 300 ECTS credits in official university studies, including at least 60 credits of an official master’s degree.
- Holders of a Spanish official bachelor’s degree with a total study load of at least 300 ECTS credits. Candidates wishing to be admitted via this route will be required to complete bridging courses, unless the curriculum of the bachelor’s degree in question included the same number of research training credits as required in a master’s degree course.
- Holders of an official university qualification who, having passed the entrance examination for specialised medical training, have completed at least two years of a training course leading to an official degree in a health-sciences specialisation.
- Holders of a Spanish doctoral qualification issued under previous university regulations.

Specific conditions apply to holders of an official university qualification awarded under previous regulations: pre-EHEA degree (licenciatura/licenciatura), engineering degree (ingeniería/ingeniería), architecture degree (arquitectura/arquitectura). In these cases, the academic committee of the doctoral programme will be responsible for determining whether the candidate meets the access requirements and may set additional bridging courses.

**Admission**
Candidates may request admission to a doctoral programme at any point in the academic year via the Doctoral School website. The selection process includes an appraisal of the candidate’s previous studies, full CV listing research experience and publications, grants and financial aid received for previous studies, interest in the programme, and any other merits deemed relevant.

**Fees, grants and financial aid**
The Government of Catalonia passes a decree establishing the fees for academic services at public universities each academic year. Fees for doctoral programmes are those applicable to public universities in Spain. For the 2022-2023 academic year, they did not exceed €600. In the specific case of Erasmus Mundus joint doctorates, fees are set by the consortium of universities responsible for organising each programme. Find out about grants and financial aid and other ways of funding doctoral study:

**Industrial Doctorates**
The UPC participates in the Industrial Doctorates Plan promoted by the Government of Catalonia, by means of which doctoral candidates train as researchers within the framework of a strategic research project at a company.
### Aerospace Engineering Field

<table>
<thead>
<tr>
<th>Program</th>
<th>Duration</th>
<th>ECTS</th>
<th>Contact</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aerospace Engineering</td>
<td>2 academic years / 120 ECTS</td>
<td><a href="mailto:admissions.eseiaat@upc.edu">admissions.eseiaat@upc.edu</a></td>
<td></td>
</tr>
<tr>
<td>Aerospace Science and Technology (MAST)*</td>
<td>1 academic year / 60 ECTS</td>
<td><a href="mailto:master.aerospace@upc.edu">master.aerospace@upc.edu</a></td>
<td></td>
</tr>
<tr>
<td>Applications and Technologies for Unmanned Aircraft Systems (Drones)*</td>
<td>1 academic year / 60 ECTS</td>
<td><a href="mailto:med.eetac@upc.edu">med.eetac@upc.edu</a></td>
<td></td>
</tr>
<tr>
<td>Space and Aeronautical Engineering*</td>
<td>1 academic year / 60 ECTS</td>
<td><a href="mailto:admissions.eseiaat@upc.edu">admissions.eseiaat@upc.edu</a></td>
<td></td>
</tr>
</tbody>
</table>

### Applied Sciences Field

<table>
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<tr>
<th>Program</th>
<th>Duration</th>
<th>ECTS</th>
<th>Contact</th>
</tr>
</thead>
<tbody>
<tr>
<td>Advanced Mathematics and Mathematical Engineering (MAMME)*</td>
<td>1 academic year / 60 ECTS</td>
<td><a href="mailto:coordinador.mamme.fme@upc.edu">coordinador.mamme.fme@upc.edu</a></td>
<td></td>
</tr>
<tr>
<td>Atomistic and Multiscale Computational Modelling in Physics, Chemistry and Biochemistry</td>
<td>1 academic year / 60 ECTS</td>
<td><a href="mailto:i.moreira@ub.edu">i.moreira@ub.edu</a></td>
<td></td>
</tr>
<tr>
<td>Computer Vision*</td>
<td>1 academic year / 60 ECTS</td>
<td><a href="mailto:masters.etsetb@upc.edu">masters.etsetb@upc.edu</a></td>
<td></td>
</tr>
<tr>
<td>Engineering Physics*</td>
<td>1 academic year / 60 ECTS</td>
<td><a href="mailto:masters.etsetb@upc.edu">masters.etsetb@upc.edu</a></td>
<td></td>
</tr>
<tr>
<td>Occupational Health and Safety</td>
<td>1.5 academic year / 90 ECTS</td>
<td><a href="mailto:master.univ.prl@upc.edu">master.univ.prl@upc.edu</a></td>
<td></td>
</tr>
<tr>
<td>Photonics*</td>
<td>1 academic year / 60 ECTS</td>
<td><a href="mailto:master.photonics@etsetb.upc.edu">master.photonics@etsetb.upc.edu</a></td>
<td></td>
</tr>
<tr>
<td>Pure and Applied Logic*</td>
<td>1.5 academic year / 90 ECTS</td>
<td><a href="mailto:rafel.farre@upc.edu">rafel.farre@upc.edu</a></td>
<td></td>
</tr>
<tr>
<td>Quantum Science and Technology*</td>
<td>1 academic year / 60 ECTS</td>
<td><a href="mailto:masters.etsetb@upc.edu">masters.etsetb@upc.edu</a></td>
<td></td>
</tr>
<tr>
<td>Statistics and Operations Research (MESIO)</td>
<td>1.5 academic year / 90 ECTS</td>
<td><a href="mailto:coordinadora.mesio.fme@upc.edu">coordinadora.mesio.fme@upc.edu</a></td>
<td></td>
</tr>
<tr>
<td>Erasmus Mundus / Bio and Pharmaceutical Materials Science*</td>
<td>2 academic years / 120 ECTS</td>
<td><a href="mailto:master.photonics@etsetb.upc.edu">master.photonics@etsetb.upc.edu</a></td>
<td></td>
</tr>
<tr>
<td>Erasmus Mundus / Photonics Engineering, Nanophotonics and Biophotonics (Europhotonics)*</td>
<td>2 academic years / 120 ECTS</td>
<td><a href="mailto:master.photonics@etsetb.upc.edu">master.photonics@etsetb.upc.edu</a></td>
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### Architecture, Urbanism and Building Construction Field

<table>
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<tr>
<th>Program</th>
<th>Duration</th>
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<tbody>
<tr>
<td>Advanced Building Construction</td>
<td>1.5 academic year / 90 ECTS</td>
<td><a href="mailto:master.univ.edificacio@upc.edu">master.univ.edificacio@upc.edu</a></td>
<td></td>
</tr>
<tr>
<td>Advanced Studies in Architecture-Barcelona (MBArch)</td>
<td>1 academic year / 60 ECTS</td>
<td><a href="mailto:secretaria.etsab@upc.edu">secretaria.etsab@upc.edu</a></td>
<td></td>
</tr>
<tr>
<td>Architect. Barcelona Campus</td>
<td>1 academic year / 60 ECTS</td>
<td><a href="mailto:secretaria.etsab@upc.edu">secretaria.etsab@upc.edu</a></td>
<td></td>
</tr>
<tr>
<td>Architecture. Sant Cugat del Vallès Campus</td>
<td>1 academic year / 60 ECTS</td>
<td><a href="mailto:marq@etsav.upc.edu">marq@etsav.upc.edu</a></td>
<td></td>
</tr>
<tr>
<td>Building Construction Management</td>
<td>1.5 academic year / 90 ECTS</td>
<td><a href="mailto:master.univ.gestio.edificacio@upc.edu">master.univ.gestio.edificacio@upc.edu</a></td>
<td></td>
</tr>
<tr>
<td>Diagnosis and Intervention Techniques</td>
<td>1 academic year / 60 ECTS</td>
<td><a href="mailto:master.univ.diaglesi.edif@upc.edu">master.univ.diaglesi.edif@upc.edu</a></td>
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</tr>
<tr>
<td>Landscape Architecture (MBLandArch)</td>
<td>2 academic years / 120 ECTS</td>
<td><a href="mailto:secretaria.etsab@upc.edu">secretaria.etsab@upc.edu</a></td>
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</tr>
<tr>
<td>Sustainable Intervention in the Built Environment (MISMeC)</td>
<td>1 academic year / 60 ECTS</td>
<td><a href="mailto:mismec@etsav.upc.edu">mismec@etsav.upc.edu</a></td>
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### Biosystems and Agri-Food Engineering Field

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<th>Program</th>
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<tr>
<td>Agricultural Engineering</td>
<td>1.5 academic year / 90 ECTS</td>
<td><a href="mailto:estanislau.fons@udl.cat">estanislau.fons@udl.cat</a></td>
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</tr>
<tr>
<td>Aquaculture</td>
<td>1 academic year / 60 ECTS</td>
<td><a href="mailto:eeabb.info@upc.edu">eeabb.info@upc.edu</a></td>
<td></td>
</tr>
<tr>
<td>Enabling Technologies for the Food and Bioprocessing Industry (KET4FOOD+BIO)</td>
<td>1 academic year / 60 ECTS</td>
<td><a href="mailto:eeabb.info@upc.edu">eeabb.info@upc.edu</a></td>
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### Civil Engineering Field

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<th>Program</th>
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<th>ECTS</th>
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<tr>
<td>Civil Engineering</td>
<td>2 academic years / 120 ECTS</td>
<td><a href="mailto:admissions.masters.camins@upc.edu">admissions.masters.camins@upc.edu</a></td>
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<tr>
<td>Geotechnical Engineering</td>
<td>2 academic years / 120 ECTS</td>
<td><a href="mailto:admissions.masters.camins@upc.edu">admissions.masters.camins@upc.edu</a></td>
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</tr>
<tr>
<td>Mining Engineering</td>
<td>1.5 academic year / 90 ECTS</td>
<td><a href="mailto:infomasters.manresa@epsem.upc.edu">infomasters.manresa@epsem.upc.edu</a></td>
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</tr>
<tr>
<td>Numerical Methods in Engineering*</td>
<td>2 academic years / 120 ECTS</td>
<td><a href="mailto:admissions.masters.camins@upc.edu">admissions.masters.camins@upc.edu</a></td>
<td></td>
</tr>
<tr>
<td>Oceanography and Marine Management</td>
<td>1 academic year / 60 ECTS</td>
<td><a href="mailto:admissions.masters.camins@upc.edu">admissions.masters.camins@upc.edu</a></td>
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</tr>
<tr>
<td>Structural Analysis of Monuments and Historical Constructions (SAHC)*</td>
<td>1 academic year / 60 ECTS</td>
<td><a href="mailto:admissions.masters.camins@upc.edu">admissions.masters.camins@upc.edu</a></td>
<td></td>
</tr>
<tr>
<td>Structural and Construction Engineering</td>
<td>1.5 academic year / 90 ECTS</td>
<td><a href="mailto:admissions.masters.camins@upc.edu">admissions.masters.camins@upc.edu</a></td>
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<tr>
<td>Urban Mobility*</td>
<td>2 academic years / 120 ECTS</td>
<td><a href="mailto:admissions.masters.camins@upc.edu">admissions.masters.camins@upc.edu</a></td>
<td></td>
</tr>
<tr>
<td>Erasmus Mundus / Flood Risk Management*</td>
<td>2 academic years / 120 ECTS</td>
<td><a href="mailto:admissions.masters.camins@upc.edu">admissions.masters.camins@upc.edu</a></td>
<td></td>
</tr>
<tr>
<td>Erasmus Mundus / Hydroinformatics and Water Management (Euroaquae)+*</td>
<td>2 academic years / 120 ECTS</td>
<td><a href="mailto:admissions.masters.camins@upc.edu">admissions.masters.camins@upc.edu</a></td>
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</tr>
<tr>
<td>Erasmus Mundus / Science in Coastal and Marine Engineering and Management*</td>
<td>2 academic years / 120 ECTS</td>
<td><a href="mailto:admissions.masters.camins@upc.edu">admissions.masters.camins@upc.edu</a></td>
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### Health Sciences and Technology Field

<table>
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<tr>
<th>Program</th>
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<tbody>
<tr>
<td>Biomedical Data Science*</td>
<td>2 academic years / 120 ECTS</td>
<td><a href="mailto:escola.etseib@upc.edu">escola.etseib@upc.edu</a></td>
<td></td>
</tr>
<tr>
<td>Biomedical Engineering</td>
<td>1 academic year / 60 ECTS</td>
<td><a href="mailto:escola.etseib@upc.edu">escola.etseib@upc.edu</a></td>
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</tr>
<tr>
<td>Neuroengineering and Rehabilitation</td>
<td>1.5 academic year / 90 ECTS</td>
<td><a href="mailto:escola.etseib@upc.edu">escola.etseib@upc.edu</a></td>
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</tr>
<tr>
<td>Optometry and Vision Sciences</td>
<td>1 academic year / 60 ECTS</td>
<td><a href="mailto:info.mucv.foot@upc.edu">info.mucv.foot@upc.edu</a></td>
<td></td>
</tr>
<tr>
<td>Erasmus Mundus / Bio and Pharmaceutical Materials Science*</td>
<td>2 academic years / 120 ECTS</td>
<td><a href="mailto:masters.etsetb@upc.edu">masters.etsetb@upc.edu</a></td>
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</table>

* Master's degree taught entirely in English.
Engineering for Industry Field

**Advanced Materials Science and Engineering**
2 academic years / 120 ECTS
masters.eebe@upc.edu

**Advanced Studies in Design-Barcelona (MBDesign)**
1 academic year / 60 ECTS
secretaria.etsabi@upc.edu

**Automatic Control and Robotics**
2 academic years / 120 ECTS
escola.etseib@upc.edu

**Automatic Systems and Industrial Electronics Engineering (MUSESAEI), Terrassa Campus**
1.5 academic year / 90 ECTS
admissions.eseiaat@upc.edu

**Automotive Engineering**
Specialisation: Connected Vehicles and Assisted Driving / Electromobility / Engines and Mechanics
1 academic year / 60 ECTS
escola.etseib@upc.edu

**Biomedical Engineering**
1 academic year / 60 ECTS
escola.etseib@upc.edu

**Chemical Engineering**
Specialisations: Green Chemical Process Engineering / Smart Polymer Engineering
2 academic years / 120 ECTS
masters.eebe@upc.edu

**Electric Power Systems and Drives**
1 academic year / 60 ECTS
escola.etseib@upc.edu

**Energy Engineering, InnoEnergy**
2 academic years / 120 ECTS
escola.etseib@upc.edu

**Industrial Engineering, Barcelona Campus**
2 academic years / 120 ECTS
escola.etseib@upc.edu

**Industrial Engineering, Terrassa Campus**
2 academic years / 120 ECTS
admissions.eseiaat@upc.edu

**Intercultural and Innovative Engineering**
Specialisations: Advanced Manufacturing Systems / Efficient Systems / Healthcare and Biomedical Applications
2 academic years / 120 ECTS
masters.eebe@upc.edu

**Management and Engineering, Barcelona Campus**
2 academic years / 120 ECTS
escola.etseib@upc.edu

**Management Engineering, Terrassa Campus**
2 academic years / 120 ECTS
eadmissions.eseiaat@upc.edu

**Neuroengineering and Rehabilitation (UPC-UB)**
1.5 academic year / 90 ECTS
escola.etseib@upc.edu

**Nuclear Engineering**, InnoEnergy
1.5 academic year / 90 ECTS
escola.etseib@upc.edu

**Paper and Graphics Technology**
1 academic year / 60 ECTS
admissions.eseiaat@upc.edu

**Research in Mechanical Engineering**
1.5 academic year / 90 ECTS
admissions.eseiaat@upc.edu

**Technology and Engineering Management**
1.5 academic year / 90 ECTS
admissions.eseiaat@upc.edu

**Textile Design and Technology**
1 academic year / 60 ECTS
admissions.eseiaat@upc.edu

**Thermal Engineering**
1 academic year / 120 ECTS
escola.etseib@upc.edu

**Urban Mobility**
2 academic years / 120 ECTS
admissions.masters.camins@upc.edu

**Erasmus Mundi Program**

- **Advanced Materials Science and Engineering (AMASE)**
  Specialisations: Advanced Materials Science and Engineering (AMASE)
  2 academic years / 120 ECTS
  masters.eebe@upc.edu

- **Erasmus Mundi Program**
  **Decentralised Smart Energy Systems (DENSYS)**
  Specialisations: Decentralised Smart Energy Systems (DENSYS)
  2 academic years / 120 ECTS
  escola.etseib@upc.edu

- **Erasmus Mundi Program**
  **Dynamics of Renewables-based Power Systems (DREAM)**
  Specialisations: Dynamics of Renewables-based Power Systems (DREAM)
  2 academic years / 120 ECTS
  escola.etseib@upc.edu

**Informatics Engineering Field**

**Artificial Intelligence**
1.5 academic year / 90 ECTS
info.masters@fib.upc.edu

**Cybersecurity**
1 academic year / 60 ECTS
masters.etsetb@upc.edu

**Data Science**
2 academic years / 120 ECTS
fib.vd.postgrau@upc.edu

**Informatics Engineering**
1.5 academic year / 90 ECTS
info.masters@fib.upc.edu

**Innovation and Research in Informatics (MIRI)**
1.5 academic year / 90 ECTS
info.masters@fib.upc.edu

**Erasmus Mundi Program**

- **Big Data Management and Analytics (BDMA)**
  Specialisations: Business Process Analytics / Content and Usage Analytics / Large-Scale Data Analytics
  2 academic years / 120 ECTS
  info.masters@fib.upc.edu

**Telecommunications Engineering Field**

**Advanced Telecommunication Technologies**
1 academic year / 60 ECTS
masters.etsetb@upc.edu

**Applications and Technologies for Unmanned Aircraft Systems (Drones)**
1 academic year / 60 ECTS
med.eetac@upc.edu

**Applied Telecommunications and Engineering Management (MASTEAM)**
1 academic year / 60 ECTS
eetac.mastertelecom@upc.edu

**Cybersecurity**
1 academic year / 60 ECTS
masters.etsetb@upc.edu

**Electronic Engineering (MEE)**
1.5 academic year / 90 ECTS
masters.etsetb@upc.edu

**Quantum Science and Technology**
1 academic year / 60 ECTS
masters.etsetb@upc.edu

**Telecommunications Engineering (MET)**
2 academic years / 120 ECTS
masters.etsetb@upc.edu

**Naval, Marine and Nautical Engineering Field**

**Management and Operation of Marine Energy Facilities**
1.5 academic year / 90 ECTS
coordinador.muroi@fnb.upc.edu

**Naval Science and Maritime Transport Management**
1.5 academic year / 90 ECTS
coordinador.munygm@fnb.upc.edu

**Nautical Architecture and Ocean Engineering**
2 academic years / 120 ECTS
coordinador.muren@fnb.upc.edu

**The Environment, Sustainability and Natural Resources Field**

**Environmental Engineering**
2 academic years / 120 ECTS
admissions.masters.camins@upc.edu

**Natural Resources Engineering**
1 academic year / 60 ECTS
infomasters.manresa@epsem.upc.edu

**Sustainability Science and Technology**
2 academic years / 120 ECTS
admissions.masters.camins@upc.edu

**Sustainable Intervention in the Built Environment (MISMeC)**
1 academic year / 60 ECTS
mismec@etsav.upc.edu

**Teacher Training and Gender Studies Field**

**Secondary and Upper Secondary Education, Vocational Training and Foreign Language Teaching**
Specialisations: Mathematics / Technology / Vocational Training
1 academic year / 60 ECTS
info.master.secundaria@fib.upc.edu

**Women’s, Gender and Citizenship Studies**
1 academic year / 90 ECTS
masterestudisdones@gmail.com

**Sustainability Science and Technology**
2 academic years / 120 ECTS
admissions.masters.camins@upc.edu

**Sustainable Intervention in the Built Environment (MISMeC)**
1 academic year / 60 ECTS
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masterestudisdones@gmail.com
### 2022-2023 DOCTORAL PROGRAMMES

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<tr>
<th>Architecture, Urbanism and Construction Field</th>
<th>contact</th>
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<tbody>
<tr>
<td>Architectural, Building Construction and Urbanism Technology</td>
<td><a href="mailto:secretariadoctorat.utgab@upc.edu">secretariadoctorat.utgab@upc.edu</a></td>
</tr>
<tr>
<td>Architectural, Civil and Urban Heritage and Refurbishment of Existing Buildings</td>
<td><a href="mailto:secretariadoctorat.utgab@upc.edu">secretariadoctorat.utgab@upc.edu</a></td>
</tr>
<tr>
<td>Architectural Design</td>
<td><a href="mailto:secretariadoctorat.utgab@upc.edu">secretariadoctorat.utgab@upc.edu</a></td>
</tr>
<tr>
<td>Architecture, Energy and Environment</td>
<td><a href="mailto:secretariadoctorat.utgab@upc.edu">secretariadoctorat.utgab@upc.edu</a></td>
</tr>
<tr>
<td>Theory and History of Architecture</td>
<td><a href="mailto:secretariadoctorat.utgab@upc.edu">secretariadoctorat.utgab@upc.edu</a></td>
</tr>
<tr>
<td>Urban and Architectural Management and Valuation</td>
<td><a href="mailto:secretariadoctorat.utgab@upc.edu">secretariadoctorat.utgab@upc.edu</a></td>
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<tr>
<td>Urbanism</td>
<td><a href="mailto:secretariadoctorat.utgab@upc.edu">secretariadoctorat.utgab@upc.edu</a></td>
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<tr>
<td>Civil Engineering</td>
<td><a href="mailto:doctorat.ec.camins@upc.edu">doctorat.ec.camins@upc.edu</a></td>
</tr>
<tr>
<td>Construction Engineering</td>
<td><a href="mailto:doctorat.eco.camins@upc.edu">doctorat.eco.camins@upc.edu</a></td>
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<tr>
<td>Earthquake Engineering and Structural Dynamics</td>
<td><a href="mailto:doctorat.esis.camins@upc.edu">doctorat.esis.camins@upc.edu</a></td>
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<tr>
<td>Environmental Engineering</td>
<td><a href="mailto:doctorat.esis.camins@upc.edu">doctorat.esis.camins@upc.edu</a></td>
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<td>Geotechnical Engineering</td>
<td><a href="mailto:doctorat.et.camins@upc.edu">doctorat.et.camins@upc.edu</a></td>
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<tr>
<td>Marine Sciences</td>
<td><a href="mailto:doctorat.cmar.camins@upc.edu">doctorat.cmar.camins@upc.edu</a></td>
</tr>
<tr>
<td>Nautical and Marine Engineering and Naval Radio-Electronics</td>
<td><a href="mailto:antonio.isalgue@upc.edu">antonio.isalgue@upc.edu</a></td>
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<tr>
<td>Structural Analysis</td>
<td><a href="mailto:doctorat.ae.camins@upc.edu">doctorat.ae.camins@upc.edu</a></td>
</tr>
<tr>
<td>Sustainability</td>
<td><a href="mailto:doctorat.sos.camins@upc.edu">doctorat.sos.camins@upc.edu</a></td>
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<tr>
<td>Biomedical Engineering</td>
<td><a href="mailto:doctorate.utgaeib@upc.edu">doctorate.utgaeib@upc.edu</a></td>
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<tr>
<td>Business Administration and Management</td>
<td><a href="mailto:doctorate.utgaeib@upc.edu">doctorate.utgaeib@upc.edu</a></td>
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<tr>
<td>Chemical Process Engineering</td>
<td><a href="mailto:doctorat.eebe@upc.edu">doctorat.eebe@upc.edu</a></td>
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<tr>
<td>Electric Energy Systems</td>
<td><a href="mailto:doctorat.terrassa@upc.edu">doctorat.terrassa@upc.edu</a></td>
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<td>Electrical Engineering</td>
<td><a href="mailto:doctorate.utgaeib@upc.edu">doctorate.utgaeib@upc.edu</a></td>
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<td>Materials Science and Engineering</td>
<td><a href="mailto:doctorat.eebe@upc.edu">doctorat.eebe@upc.edu</a></td>
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<td>Mechanical, Fluids and Aerospace Engineering</td>
<td><a href="mailto:doctorate.utgaeib@upc.edu">doctorate.utgaeib@upc.edu</a></td>
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<td>Natural Resources and Environment</td>
<td><a href="mailto:toni.dorado@upc.edu">toni.dorado@upc.edu</a></td>
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<td>Nuclear and Ionising Radiation Engineering</td>
<td><a href="mailto:doctorate.utgaeib@upc.edu">doctorate.utgaeib@upc.edu</a></td>
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<td>Polymers and Biopolymers</td>
<td><a href="mailto:doctorat.eebe@upc.edu">doctorat.eebe@upc.edu</a></td>
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<td>Supply Chain and Operations Management</td>
<td><a href="mailto:doctorat.scom.utgaeib@upc.edu">doctorat.scom.utgaeib@upc.edu</a></td>
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<td>Textile and Paper Engineering</td>
<td><a href="mailto:doctorat.terrassa@upc.edu">doctorat.terrassa@upc.edu</a></td>
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<tr>
<td>Thermal Engineering</td>
<td><a href="mailto:doctorat.terrassa@upc.edu">doctorat.terrassa@upc.edu</a></td>
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<td>Artificial Intelligence</td>
<td><a href="mailto:larrosa@cs.upc.edu">larrosa@cs.upc.edu</a></td>
</tr>
<tr>
<td>Bioinformatics</td>
<td><a href="mailto:direct.doctorat.bioinformatica@upc.edu">direct.doctorat.bioinformatica@upc.edu</a></td>
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<tr>
<td>Computer Architecture</td>
<td><a href="mailto:xmasip@ac.upc.edu">xmasip@ac.upc.edu</a></td>
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<tr>
<td>Computing</td>
<td><a href="mailto:mjserna@cs.upc.edu">mjserna@cs.upc.edu</a></td>
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<tr>
<td>Electronic Engineering</td>
<td><a href="mailto:eel.coordoctorat@upc.edu">eel.coordoctorat@upc.edu</a></td>
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<tr>
<td>Network Engineering</td>
<td><a href="mailto:responsable.doc-entel@entel.upc.edu">responsable.doc-entel@entel.upc.edu</a></td>
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<tr>
<td>Signal Theory and Communications</td>
<td><a href="mailto:cap.estudis@tsc.upc.edu">cap.estudis@tsc.upc.edu</a></td>
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<th>Sciences Field</th>
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<tr>
<td>Aerospace Science and Technology</td>
<td><a href="mailto:doctorate.aeroespacial@upc.edu">doctorate.aeroespacial@upc.edu</a></td>
</tr>
<tr>
<td>Agri-Food Technology and Biotechnology</td>
<td><a href="mailto:doctorateo.doo@upc.edu">doctorateo.doo@upc.edu</a></td>
</tr>
<tr>
<td>Applied Mathematics</td>
<td><a href="mailto:doctoma.fme@upc.edu">doctoma.fme@upc.edu</a></td>
</tr>
<tr>
<td>Computational and Applied Physics</td>
<td><a href="mailto:doctorat@fa.upc.edu">doctorat@fa.upc.edu</a></td>
</tr>
<tr>
<td>Engineering, Science and Technology Education</td>
<td><a href="mailto:doctorate.ect@upc.edu">doctorate.ect@upc.edu</a></td>
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<tr>
<td>Optical Engineering</td>
<td><a href="mailto:doctorateo.doo@upc.edu">doctorateo.doo@upc.edu</a></td>
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<tr>
<td>Photonics</td>
<td><a href="mailto:training@icfo.es">training@icfo.es</a></td>
</tr>
<tr>
<td>Statistics and Operations Research</td>
<td><a href="mailto:jordi.castro@upc.edu">jordi.castro@upc.edu</a></td>
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</tbody>
</table>

[www.doctorat.upc.edu/en](www.doctorat.upc.edu/en)
UPC schools and accommodation

UPC schools are in Barcelona and nearby towns: Castelldefels, Manresa, Sant Cugat del Vallès, Terrassa and Vilanova i la Geltrú.

The UPC has made two platforms available to help international students look for accommodation: HousingAnywhere and Uniplaces. The company BCU Housing can also help you to find a room or a flat in Barcelona.

International students should visit the following web page for information on preparing for their stay at the UPC:

www.upc.edu/sri/en/students

Visas

Non-EU nationals whose visit exceeds three months must apply for a student visa—not a tourist visa—at the Spanish embassy or consulate in their home country.

If the duration of the course of study in Spain is less than six months, the embassy may issue a student visa specifying ‘for a course of study lasting a total of 180 days’. With this type of visa you will not be eligible for a student card and you will not be allowed to extend your stay. If the duration of the course of study in Spain is more than six months, the embassy may issue a long stay student visa.

You must also take into account that many embassies and consulates may take a minimum of three months to issue a visa.

www.upc.edu/sri/en/students

Medical insurance

Regarding medical insurance, EU nationals who are covered by the public health service must apply for the European Health Insurance Card in their home country before travelling.

Students from other countries must enquire whether there is an agreement between the healthcare systems of the home country and Spain. If there is such an agreement, you must apply in your home country for a certificate that allows you to benefit from public healthcare in Spain if you need emergency care. Please note that only medical emergencies are covered in this case and not any other medical problem.

In order to apply for a visa, the Spanish embassy or consulate will require you to have private insurance that covers any medical expense during your stay in Spain.

The UPC recommends the insurance policy “OnCampus Estudia”.

www.upc.edu/sri/en/students

Fees, grants and financial aid

Find out all the options for grants, student financial aid and funding opportunities offered by the UPC and other public and private bodies.

www.upc.edu/en/masters/fees-grants

doctorat.upc.edu/en/future-doctoral-candidates/grants

Languages

The UPC offers you a range of services designed to help you to adapt to life in Barcelona, including language courses.

www.upc.edu/slt/en/reception

Further information

Please check the International Students section of our website:

www.upc.edu/sri/en/students

Master’s Degrees

www.upc.edu/en/masters

+34 934 016 200
info@upc.edu

Doctoral Programmes

www.doctorat.upc.edu/en

+34 934 016 114
escola.doctorat@upc.edu

International Relations

www.upc.edu/sri/en

+34 934 137 505
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