Master's degree in Supply Chain, Transport and Mobility Management

The master’s degree in Supply Chain, Transport and Mobility Management produces technical professionals with a high level of excellence in the analysis, management and optimisation of logistics and transport systems in the fields of civil and industrial engineering. These are basic activities in the organisation of society, the productivity of the economy in a region and the quality of life of the population.

Specialisations

- Supply Chain Management
- Transport and Mobility Management

GENERAL DETAILS

Duration and start date
Two academic years, 120 ECTS credits. Starting September

Timetable and delivery
Afternoons. Face-to-face

Fees and grants
Approximate fees for the master’s degree, excluding degree certificate fee, €6,535 (€9,802 for non-EU residents).
More information about fees and payment options
More information about grants and loans

Language of instruction
Subjects will be taught 50% in Spanish, 50% in English.

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

ADMISSION

General requirements
Academic requirements for admission to master's degrees

Specific requirements
- The master's degree is conceived as the natural continuation of a degree in Civil Engineering, Industrial Engineering or Architecture.
- Given its scientific and professional nature, it is advisable for students to have sufficient knowledge of analysis methods and transport, logistics and mobility systems.

Admission criteria
- English level B2.2 and Spanish level B1 (foreign students) are required
- Academic record
- First degree and university of origin
- Professional experience
Five places will be awarded in advance on 31 March for candidates who need admission before June for the purpose of applying for grants or visa.

Places
30
Pre-enrolment
Pre-enrolment closed (consult the new pre-enrolment periods in the academic calendar).
How to pre-enrol

Enrolment
How to enrol

Legalisation of foreign documents
All documents issued in non-EU countries must be legalised and bear the corresponding apostille.

PROFESSIONAL OPPORTUNITIES

Professional opportunities
Career opportunities for graduates of this programme are found in both the public and private sectors in the fields of logistics, transport and mobility. This master's degree allows students to design and manage supply chains and logistics companies (in charge of logistics, consulting, etc.), to conduct research towards a doctoral degree, or to design and manage infrastructure and transportation networks (consulting, planning transport companies or government, for example), especially public transport networks.

Competencies

Generic competencies
Generic competencies are the skills that graduates acquire regardless of the specific course or field of study. The generic competencies established by the UPC are capacity for innovation and entrepreneurship, sustainability and social commitment, knowledge of a foreign language (preferably English), teamwork and proper use of information resources.

Specifics competences
On completion of the course, students will be able to:

- Analyse and optimise logistic systems.
- Manage logistic and mobility systems.
- Manage supply chains.
- Design, build and maintain transport infrastructures.
- Collect and analyse mobility data.
- Model transport demand.
- Plan and finance transport infrastructures.
- Make decisions and evaluate them.
- Conduct simulations and prospective analysis.
- Draw up mobility plans.
- Manage transport systems.
- Carry out urban planning based on infrastructures and service networks.

ORGANISATION

UPC school
Barcelona School of Industrial Engineering (ETSEIB)
Barcelona School of Civil Engineering (ETSECCPB)
### CURRICULUM

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<tr>
<th>Subjects</th>
<th>ECTS credits</th>
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<td>Data Analysis of Transport and Logistics</td>
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<td>Introduction to Supply Chain</td>
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**FOURTH SEMESTER**

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July 2019. **UPC. Universitat Politècnica de Catalunya · BarcelonaTech**