Master's degree in Urban Mobility

The master's degree in Urban Mobility is aimed at improving urban mobility in our cities and around the world, which requires not only the improvement of technical infrastructure (towards an intelligent transportation system and infrastructure, internet of things, etc.) but also a holistic planning, execution and operation. Urban transformation requires that most stakeholders interact and understand the perspectives of others in order to make that improvement effective. Thus, this program allows training of professionals from different engineering profiles by providing the sector specific competencies, and a knowledge or deepening in the transition of mobility to a sustainable model, future services and markets and the impact of ICT and energy technologies. Finally, the program provides the fundamental tools for entrepreneurship and innovation to tackle the rapid transformation of global society. Currently, there is virtually no master's degree program that provides such comprehensive education.

The master's degree in Urban Mobility is proposed as part of the higher education activities of the EIT Urban Mobility Master School which is part of the European Institute of Technology (EIT).

Within this initiative, which also has a scholarship program, a first year is taken at one of the Universities of the consortium and a second year at another University, awarding a double degree. It is also possible to complete the Master's degree at the UPC outside the EIT proposal To obtain the degree it is compulsory to attend a minimum of 30 ECTS credits in the subjects of the specialization in Innovation and Entrepreneurship, from an initial offer of 54 ECTS distributed in subjects of 3 to 10 credits.

You can take up to 4 itineraries:
- Future Mobility Markets and Services (academic year 2020-21)
- Sustainable Urban Mobility Transitions (academic year 2020-21)
- Smart Mobility Data Science and Analysis (academic year 2021-22)
- Innovative Mobility Technology (academic year 2021-22)

GENERAL DETAILS

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

Timetable and delivery
Face-to-face

Fees and grants
Approximate fees for the master's degree, excluding degree certificate fee, €8,264 (€12,396 for non-EU residents).
More information about fees and payment options
More information about grants and loans

Language of instruction
English

Official degree
Offical degree

ADMISSION

General requirements
Academic requirements for admission to master's degrees

Places
60

Pre-enrolment
To enrol for an interuniversity master’s degree coordinated by a university other than the UPC, you must enrol through the coordinating university:
https://www.eiturbanmobility.eu/detailed-master-school-programme-information/
Legalisation of foreign documents
All documents issued in non-EU countries must be legalised and bear the corresponding apostille.

ORGANISATION

UPC school
Barcelona School of Architecture (ETSAB)
Barcelona School of Civil Engineering (ETSECCPB)
Barcelona School of Telecommunications Engineering (ETSETB)
Barcelona School of Industrial Engineering (ETSEIB)
Barcelona School of Informatics (FIB)

Academic coordinator
Elisa Sayrol

Academic calendar
General academic calendar for bachelor’s, master’s and doctoral degrees courses

Academic regulations
Academic regulations for master's degree courses at the UPC

CURRICULUM

January 2020. UPC. Universitat Politècnica de Catalunya - BarcelonaTech