Master's degree in Applications and Technologies for Unmanned Aircraft Systems (Drones)

The master's degree in Applications and Technologies for Unmanned Aircraft Systems (Drones), (master's degree website) provides specialised training in the applications of drones, including technical aspects (the selection of platforms and instruments) and legal and economic aspects (applicable regulations and business opportunities).

On this master's degree you will learn the following:
- to devise new applications for drones;
- to choose the most suitable platforms for drones depending on their application;
- to integrate the equipment needed for a mission, such as sensors and cameras, into the platforms and to develop any other additional components needed for integration; and
- to turn the applications of drones into feasible and profitable businesses.

You will learn all of the above while working in a company or research group on a project that makes up 75% of the workload of the master's degree.

Graduates of the master's degree will be qualified to join any company that is devoted to developing industrial solutions based on drones.

GENERAL DETAILS

Duration and start date
One academic year, 60 ECTS credits

Timetable and delivery
Face-to-face

Fees and grants
Approximate fees for the master’s degree, excluding other costs (does not include non-teaching academic fees and issuing of the degree certificate):
€1,660 (€4,150 for non-EU residents).
More information about fees and payment options
More information about grants and loans

Language of instruction
English

Information on language use in the classroom and students’ language rights.

Location
Castelldefels School of Telecommunications and Aerospace Engineering (EETAC)

ADMISSION

General requirements
Academic requirements for admission to master's degrees

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
Graduates of the master's degree will be qualified to join any company that is devoted to developing and selling industrial solutions based on unmanned aerial vehicles.

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.

ORGANISATION: ACADEMIC CALENDAR AND REGULATIONS

UPC school
Castelldefels School of Telecommunications and Aerospace Engineering (EETAC)

Academic coordinator
Miguel Valero García

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

December 2023. UPC. Universitat Politècnica de Catalunya · BarcelonaTech