

Master's degree in Quantum Science and Technology

The **master's degree in Quantum Science and Technology** ([master's degree website](#)), which is coordinated by the University of Barcelona (UB) with the participation of the UPC, provides students with advanced knowledge, equipping them to conduct cutting-edge theoretical and experimental research in quantum simulation, quantum computing, quantum sensors and quantum communications, as well as purely theoretical research.

The degree also benefits from the participation of the Universitat Autònoma de Barcelona, the Institute of Photonic Sciences, the Barcelona Supercomputing Center, the Institute for High Energy Physics and the Catalan Institute of Nanoscience and Nanotechnology.

GENERAL DETAILS

Duration and start date

1 academic year, 60 ECTS credits. Starting September

Timetable and delivery

Face-to-face

Language of instruction

English

ADMISSION

General requirements

[Academic requirements for admission to master's degrees](#)

Places

25

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:

[Universitat de Barcelona \(UB\)](#)

ORGANISATION: ACADEMIC CALENDAR AND REGULATIONS

UPC school

[Barcelona School of Telecommunications Engineering \(ETSETB\)](#)

Participating institutions

[Universitat Politècnica de Catalunya \(UPC\)](#)

[Universitat Autònoma de Barcelona \(UAB\)](#)

[Universitat de Barcelona \(UB\)](#) - **coordinating** university