

# Master in Photonics

More information at: [www.photonics.masters.upc.edu](http://www.photonics.masters.upc.edu)

## PHOTONICS BCN

PHOTONICS, the science and technology of LIGHT, is one of the disciplines that plays a key role in the 21st century technological development.

Four leading research and academic institutions in the BARCELONA area joined their efforts to offer a comprehensive MSc in PHOTONICS program as a combination of basic and advanced elective courses covering the main branches of PHOTONICS:

- Basics of Photonics
- Quantum Optics and Technology
- Nonlinear and Ultrafast Optics
- Biophotonics and Imaging
- Photonic Materials and Metamaterials
- Nanophotonics
- Photonics Circuits and Telecommunications
- Optical Engineering
- Photonics Technologies

The Master aims at educating future researchers in this field and also promoting entrepreneurial activity in PHOTONICS amongst its students.

Main program: *60 ECTS (1 academic year)*

Classes will begin Fall 2022



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