The master's degree programme in Biomedical Research focuses on the study of the molecular, cellular, physiological and evolutionary foundations of biological processes and their pathological or adaptive alternations.

Who is it for?
The programme is chiefly for holders of bachelor's degrees in biology, biochemistry or biotechnology, although students with bachelor's degrees in medicine, pharmacy and nursing have also successfully completed it. Students must have a solid grounding in and/or the ability to grasp and work with the concepts of cell function and molecular interactions (proteins, nucleic acids).
The programme is primarily, although not exclusively, aimed at students seeking to pursue doctoral studies in different areas of biomedicine.

Admission requirements
To be admitted to the programme, applicants must firstly contact a research group and obtain a letter of acceptance stating that they may carry out their six-month master's degree project within the group in question. They must then submit proof of such acceptance and a summary of their proposed project. The programme's research projects may be carried out within research groups based at UPF or at other universities or centres in Spain or abroad.

Career prospects
The primary aim of this programme is to serve as a starting point for a doctoral thesis. Most of the students who complete it (more than 80%) go on to take UPF's doctorate in Biomedicine.

Scholarships and grants
One grant awarded by the Catalunya-La Pedrera Foundation to one master's degree programme student of Spanish nationality.
Two registration fee grants worth €2,000 each for the academic year 2015-2016.
For information on other grants for master's degree programmes, see www.upf.edu/master-grants.
Curriculum

Compulsory training activities (50 ECTS credits)

- Molecular and Cellular Pathology
- Molecular Pathology of Systems
- Introduction to the Design of Research Projects
- Master’s Degree Final Project

Optional subjects (students must choose subjects worth a total of 10 ECTS credits)

- Genes and Cell Function
- Cell Communication
- Genomes and Systems
- Model Organisms in Biomedicine
- Breakthroughs in Neurosciences
- Elements of Biocomputing
- Scientific Communication
- Introduction to Biomedicine
- Advanced Seminars in Biomedical Research
- Science in Action