

Coordination:
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MÀSTER en BIOMEDICINA



Collaboration between the following faculties

**-Medicina i Ciències de la Salut
(Campus Clínic i Campus Bellvitge)**

-Farmàcia (Campus Pedralbes)

-Biologia (Campus Pedralbes)

- The master's degree in Biomedicine is primarily focused on basic and applied research
- Advanced training and updating of knowledge of the molecular and cellular mechanisms involved in the pathophysiology of diseases.
- Qualifies graduates for careers in the fields of biomedical research, clinical analysis and in the pharmaceutical and biotechnology industries, for which a PhD or official specialist health sciences qualification would not be required.
- Qualifies graduates to enter a PhD program in biomedicine related areas



The master's degree in Biomedicine is primarily addressed to students who have completed a degree in the field of **health sciences, biological sciences and experimental sciences*** (chemistry and physics).

*In some cases, a previous course of Principles of Cell Biology and Molecular Biology in Genetics and Pathophysiology (6ECTS is needed). (aprox 2 weeks in September)

Specializations

- 1. Basic and translational research in human pathologies**
- 2. Basic and translational research in cancer**
- 3. Basic and translational research in endocrinology and metabolism**

1st semester

3 compulsory subjects for all specializations (total 9 ECTS)

3-4 compulsory subjects of each specialization (total 12 ECTS)

3 optative subjects (total 9 ECTS)

2^o Semester

Conducting Research Projects 3 ECTS

Final Master thesis 27 ECTS

Where should I do the final master thesis?

- Choose a group in the list offered in the master web (*placements* link in the web page)
- Search and propose yourself to us a group labs in any the research institution in Barcelona, Catalunya, Spain
- Search and propose a group in Europe (*Erasmus + Programme* link in the web page)
- Choose a group between the list of Coimbra associated universities (soon in the web page)

When should I choose the group?

- Having a group admission already during the application to the master give you some points
- If you have very good grades of the degree, you will be accepted without having a group and you have time to choose the group after enrolling the master
- If you have less than 7 of score of your degree, is better to have the admission to a group to ensure acceptance to the master