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Master Biology and Health

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Masters



Career paths

Clinical research and health
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Master Biology & Health

master
BS

Student'
association





Presentation of the Master Biology & Health

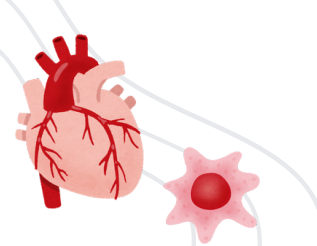
The Biology & Health program prepares students for careers in biology applied to major human pathologies, providing them with the skills and know-how needed for biomedical research. Intended to train researchers and professionals able to meet the contemporary challenges of experimental biology, this program offers a rigorous teaching, combining fundamental knowledge and technical expertise.

Access

The Master's Biology & Health is aimed at students from scientific disciplines in M1 (bachelor's degree in biology) and from health studies in M2 as part of a research year (interns in medicine, pharmacy, and odontology).

This master's degree in initial training is also open to professionals with equivalent professional experience (VAE).

The Master's Biology & Health offers cross-curricular courses that are shared between its specialties, while allowing students to select optional modules in order to closely adjust the training to their professional project.



Program

Research-oriented training

The courses of the Master in Health Biology prepare students who wish to continue their doctoral studies in biomedical sciences.

The training is based on the research units of the Health campus, the Mediterranean University Hospital Institute and the Paoli Calmettes Institute, as well as partnerships with many public and private actors.

- **Human and medical genetic**
- **Infectious diseases and microbiota**
- **Metabolic, vascular and environmental diseases**
- **Oncology**

Training oriented towards professional integration

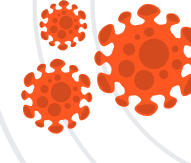
All the courses offered are adapted to the demands of the professional world and allow direct professional integration. Three paths, however, are even more oriented towards professional integration after the master's degree:

- **Biomedical sciences apprenticeship**
- **Innovative health technologies**
- **Clinical research and simulation in health**

International training

The course **Artificial Intelligence and Biomarkers** is a European training in collaboration with the universities of Stockholm, Pisa and Barcelona. This interdisciplinary course in biology and programming is conducted in English.

Organization of studies



First year

In **semester 1**, the core curriculum teaching units (30 ECTS) allow students to acquire a foundation of cross-curricular teachings common to all pathways.

In **semester 2**, the courses are divided between common core teaching units and others specific to the pathways. Students also complete a mandatory internship of 6 to 8 weeks (12 ECTS). Note: the choice of internship field can influence the choice of course in master 2.

Second year

Specialty courses form the foundation of **semester 3**. Some optional teaching units are also offered to students from all backgrounds, in order to ensure transdisciplinary training, especially necessary for students who will continue their PhD thesis journey.

In **semester 4**, students complete a mandatory internship of 6 months (30 ECTS) in public or private research laboratories, at the hospital, in France or abroad according to the professional project.

As part of their research year, health students complete a 10-month internship.

