**International track in France** is a 2-year program that combines a Master 1 program for English-speaking students with any of the international M2 programs offered by the Master of Life Sciences and Health. International students with a good level in French can also access other M2 programs. A full-time student will need to validate 60 ECTS (European Credit Transfer System) during each of the two academic years to complete the Master program.

### Program and goals

The aim of this Master program is to provide a solid and broad-based foundation in prominent areas in Life Sciences and Health. In addition, given the wide range of electives offered, coupled with an intensive internship period, students will obtain both theoretical and practical experience in their fields of interest.

#### M1 – Semester 1

- Masteriales
- Core Courses: “Genes, Proteins and Cells”
  - Genetics and Genomics
  - Cell Biology
  - Cell Signaling
  - Biochemistry
  - Biosignaling

#### M1 – Semester 2

- Elective courses at 2.5 ECTS. Select among:
  - Epigenetics*
  - Membrane dynamics*
  - Animal transgenesis
  - Introduction to biotherapies
  - Immuno-pathophysiology
  - Applied genomics and precision medicine
  - Introduction to synthetic biology

- Elective courses at 5 ECTS. Select among:
  - Development in questions*
  - Current questions in evolution*

#### Research training

- Masteriales
- Scientific project
- Rotations: 4 weeks to 2 laboratories
- Research internship: 8 weeks

#### M2 programs in French

- Compulsory for ALL 25 ECTS

- Core courses
  - Concepts and Challenges in Life Sciences and Health
  - 22.5 ECTS

- Elective courses
  - Specialisation among a range of topics in accordance with academic and career development
  - 15 ECTS

#### Research laboratory internship (8 weeks)

### Contacts

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### Partnerships

- Systems and Synthetic Biology
- Gene, Cell, Development
- Tissue, Cell & Gene Biotherapies
- Plant Sciences (Master BIP)
- Predictive and Integrative Animal Biology (Master BIP)
- Fundamental Microbiology
- Genetics Genomics Epigenetics Evolution

- Endocrinologie & Métabolisme
- and more ...