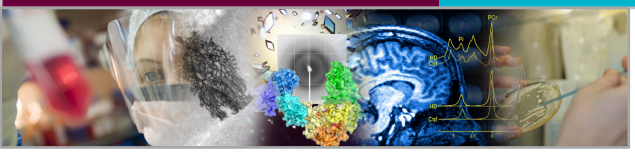
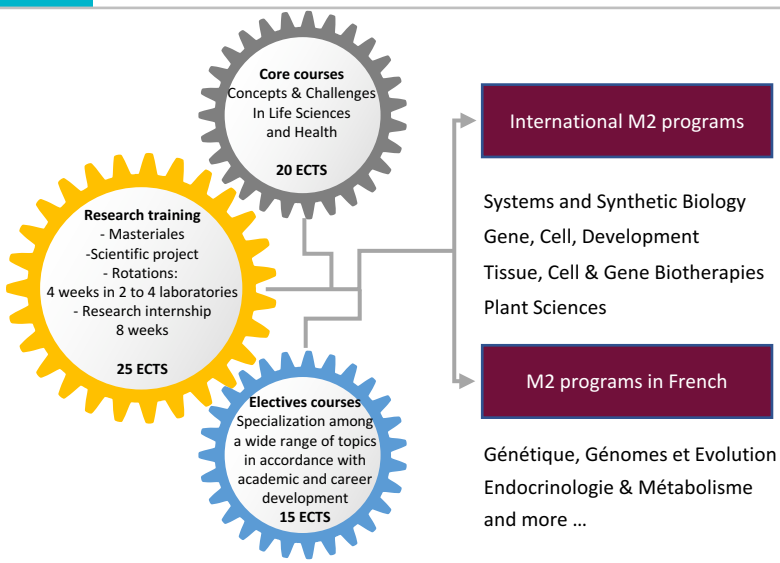
Master Life Sciences and Health

Master 1
International track in France



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.

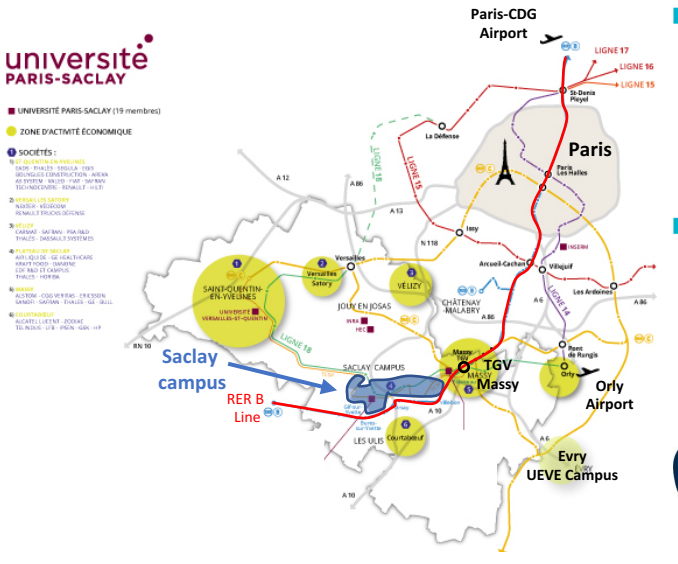
	M1 – Semester 1	M1 – Semester 2
Compulsory for ALL 22,5 ECTS	Masteriales Core Courses: "Genes, Proteins and Cells" Genetics and Genomics Cell Biology Cell Signaling Biochemistry Systems biology Biosignaling	
Electives 15 ECTS		Elective courses at 2.5 ECTS. Select among: Epigenetics*, Membrane dynamics*, Animal transgenesis, Introduction to biotherapies, Immuno-pathophysiology, Applied genomics and precision medicine, Introduction to synthetic biology Elective courses at 5 ECTS. Select among: How to build a plant?*, Development in questions*, Current questions in evolution*
Rotations 7,5 ECTS	**Laboratory rotations** 4 weeks; 2 to 4 laboratories Research-oriented areas	
Optional	**French as a foreign language**	
Compulsory for ALL 15 ECTS		Scientific project Research Laboratory Internship (8 weeks)

** Courses will open with a **minimum** of 10 registered students*
Potential schedule conflicts for electives

ECTS: European Credits Transfer System
Students must validate 30 ECTS per semester

- ✓ Multidisciplinary teaching
- ✓ Modular approach
- ✓ Theoretical and practical training
- ✓ Stimulating research and innovation environment

Site



Contacts

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https://www.universite-paris-saclay.fr/en/education/master/life-sciences#mention

Partenerships