Université Paris-Saclay

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Add to Compare

M1 International Track in France, site Evry

Master's degree

Specialisations Neurosciences | Biologie moléculaire et cellulaire

Enrolment type

Formation initiale

Formation continue

Language(s) of instruction

English

Join the International Track in France (ITF) to build a strong foundation in biology while developing **transferable skills** in an **international and multicultural environment**.

Following the English-taught Master 1, continue your journey with an international Master 2 in **Molecular and Cellular Biology**, **Neuroscience**, or **Microbiology**.

Along the way, you'll have the opportunity to **explore various fields**, **personalize your academic path**, and **engage in hands-on research** in cutting-edge scientific fields.

Seize the unique opportunity to pursue a Master 1 program taught entirely in English, leading to a choice of Master 2 in Molecular and Cellular Biology, Neuroscience, or Microbiology. Our flexible program offers a tailored academic path and broad exposure to modern biology in an international setting through four complementary blocks:

Core Courses (17,5 ECTS)

A springboard to acquire essential foundations including language and intercultural competencies, cell and molecular biology, biochemistry, signaling, and genomics along with the key methodological tools needed to explore today’s leading fields in biology.

Electives (30 ECTS)

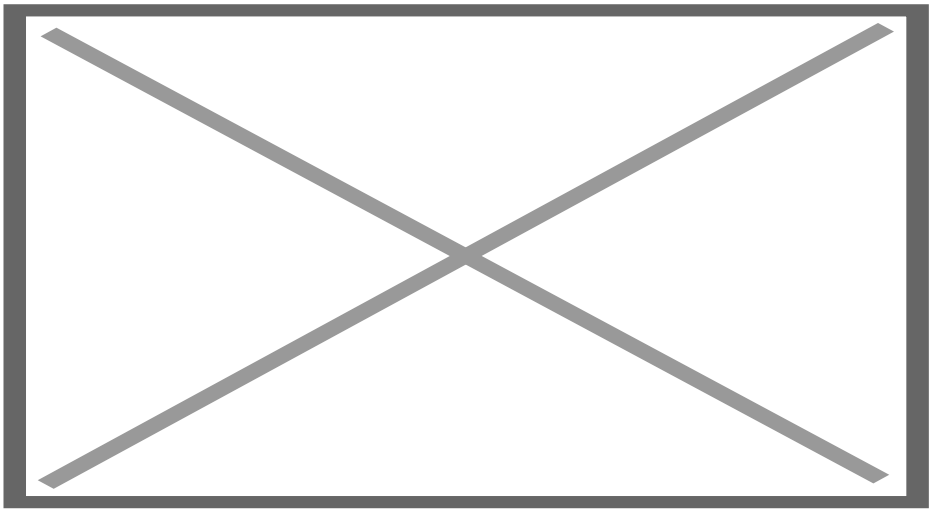
The heart of your M1, giving focus to your studies and allowing you to dive deeper into your chosen scientific area.

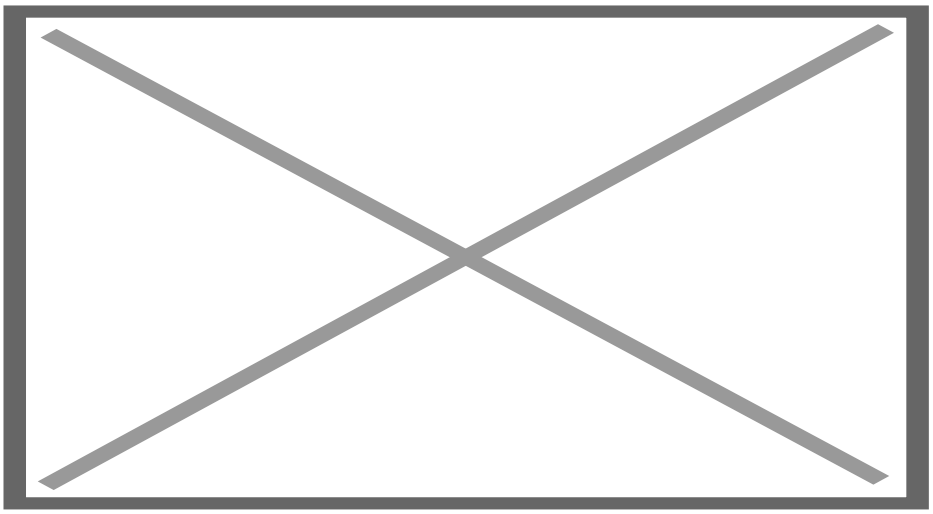
In parallel expand your horizons! **Explore other disciplines,** broaden your scientific culture, and develop a cross-disciplinary perspective.

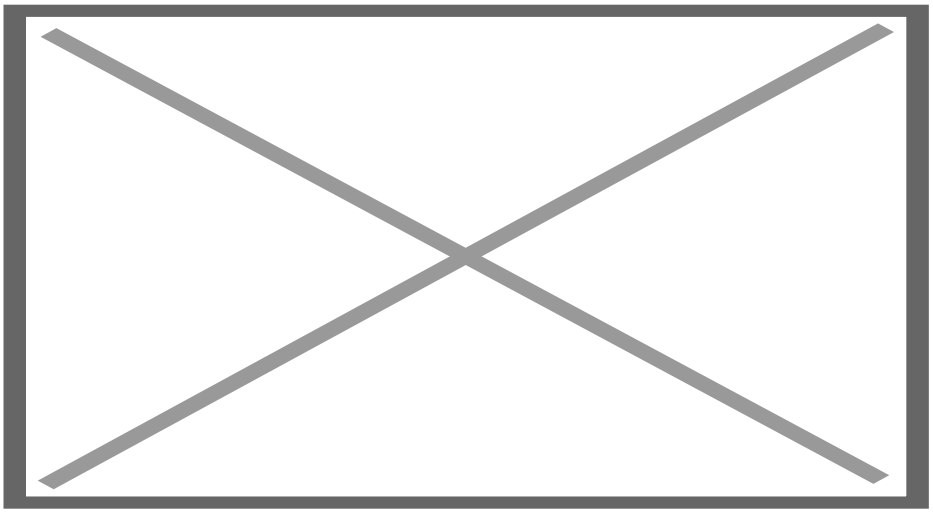
Research Training (12.5 ECTS)

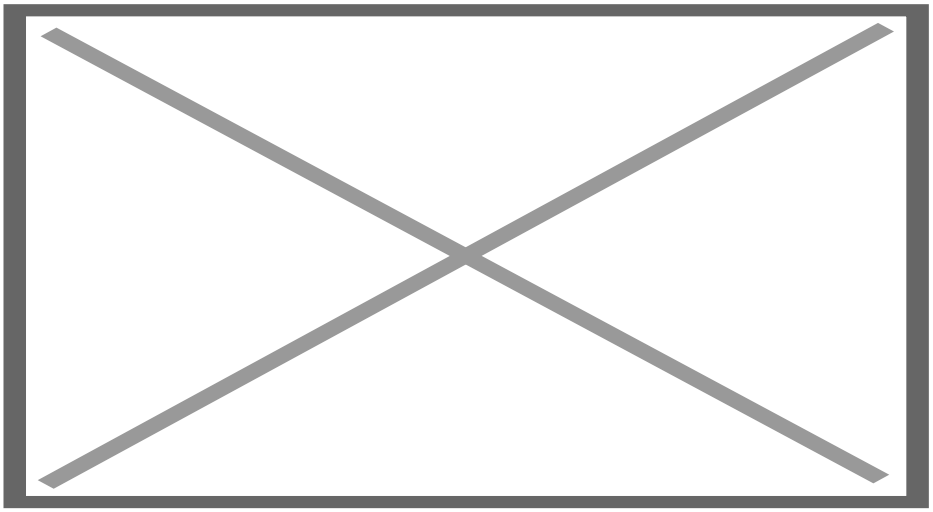
Step into real research with a literature review and a hands-on internship.

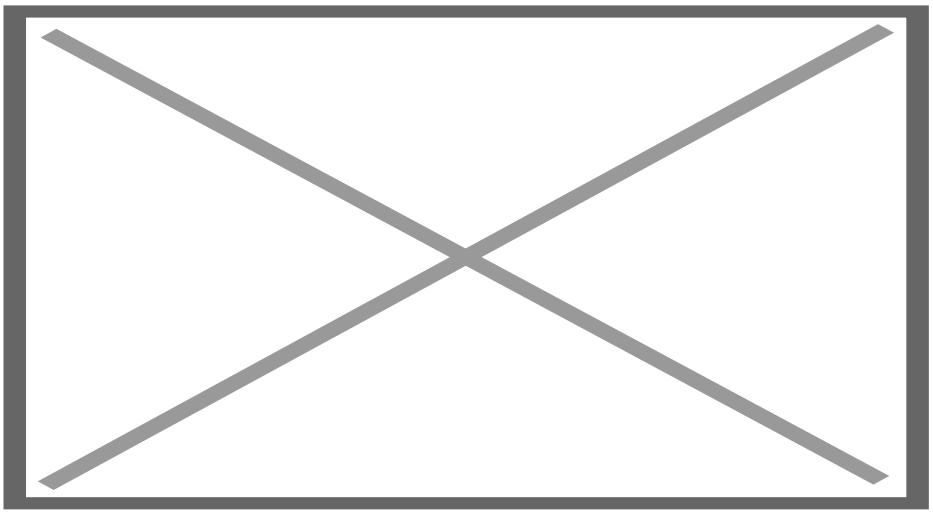
Télécharger la fiche détaillée
Apply Now











Information

- Overview
- Application requirements
- Schedule

Présentation

Skills

The Master’s program builds **four essential competencies**:

- **Scientific Approach:** design and conduct research projects, develop innovative ideas, and analyze data responsibly.
- **Expertise**
- - Acquire specialized knowledge in your field and at the interface of multiple disciplines.
- - Continuously update knowledge and stay informed about current research.
- - Synthesize scientific literature and master new technological tools independently.

- **Scientific Communication:** present and discuss results clearly in English or French, using the right tools for reports, presentations, and publications.
- **Professional Skills:** work independently and in teams, interact with diverse partners, plan effectively, and act ethically.

Outcomes: gain a **research-driven mindset**, transferable skills, and international experience to prepare for **PhD programs, research careers, or roles in life sciences and health**.

Objectives

We offer an innovative Master's program designed to provide you with a **solid and broad-based foundation in Life Sciences and Health**, while preparing you for research careers and international opportunities. Entirely taught in English during the first year (Master 1), our program welcomes both international and national students who wish to experience a global academic environment on a **world-class and highly competitive campus** in Europe.

The primary aim of the ITF is to give you **strong disciplinary knowledge across key areas of modern biology** while fostering the ability to analyze scientific literature, design and carry out research projects, and tackle concrete biological questions. **Through a carefully designed curriculum** featuring a **Major** to deepen your expertise, **elective courses** to broaden your perspective, and a **dedicated Research Training block**, you will progressively develop the core competencies, preparing you to further strengthen them and move toward **expert proficiency in Master 2**.

The ITF program at the Evry campus is specifically tailored for students planning to pursue a Master 2 specialization in fields such as **biotherapies, cancer biology, stem cell research, human genomics and systems and synthetic biology**. It offers a broad foundation **for advanced studies in these cutting-edge fields.**

Flexibility is a key feature of the program. A wide range of electives and the possibility to personalize your pathway allow you to adapt the curriculum to your interests and career goals. An intensive internship provides valuable hands-on experience and strengthens both theoretical understanding and practical abilities in your chosen field.

Beyond scientific training, the ITF offers you an immersive international experience that promotes personal growth and professional development. Working and studying in a multicultural environment helps students cultivate transferable skills such as adaptability, teamwork, resilience, and cross-cultural awareness—qualities increasingly sought after by employers worldwide. Graduates benefit from a unique profile that combines advanced scientific expertise with international exposure, making them highly competitive for PhD programs, research positions, and careers across the life sciences and health sectors.

Whether you are an international student seeking a high-level entry into French Master programs or a French student eager to broaden your horizons, the ITF provides a research-driven education, a stimulating environment, and the freedom to design a pathway that matches your ambitions.

Débouchés

Career prospects

Fields: health, pharmaceuticals, agri-food, biotechnologies, instruments and reagents, cosmetics, pollution control and the environment.
R&D Engineer
Design engineer in the industrial sector
Design engineer in the research / scientific sector
Academic staff
Research & Development Engineer
Research and Innovation Manager
Project Manager
Research & Development Engineer
Research or Design Engineer
Research Engineer
Project manager

Further Study Opportunities

Master of Molecular and Cellular Biology
Master of Microbiology
Master of Neurosciences
PhD thesis
2nd year Master’s

Admission

Admission Route

Life Sciences
Life and Earth Sciences

Capacity

Available Places

15

Target Audience and Entry Requirements

We welcome motivated students from around the world, including France, who hold a degree equivalent to a French National Bachelor’s (Licence) in Life Sciences. Candidates should have a solid background in key areas of biology relevant to the program—molecular biology, biochemistry and signaling, cell biology, and genetics—and an English proficiency at the C1 level.

Admission is a two-step process:

1. Application review based on academic performance, motivation, and career goals.
2. Online interview for shortlisted candidates.

Période(s) de candidature

Inception Platform

From 15/01/2026 to 31/03/2026

Supporting documents

Compulsory supporting documents

Motivation letter.

All transcripts of the years / semesters validated since the high school diploma at the date of application.

Certificate of English level.

Selection sheet for continuation in M2 to download on this web page.

PJ en bas de page

Curriculum Vitae.

Additional supporting documents

VAP file (obligatory for all persons requesting a valuation of the assets to enter the diploma).

compulsory ONLY for someone applying for validation of professional experience in order to enter the diploma.

Supporting documents :
- Residence permit stating the country of residence of the first country

- Or receipt of request stating the country of first asylum
- Or document from the UNHCR granting refugee status
- Or receipt of refugee status request delivered in France
- Or residence permit stating the refugee status delivered in France
- Or document stating subsidiary protection in France or abroad
- Or document stating temporary protection in France or abroad.

Questionnaire

This document is mandatory for your application to be processed :

Word version: Download the master 2 specialisation selection sheet

PDF version: Download the master 2 specialisation selection sheet

Programme

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practica class
Compulsory								
Core courses : Genes, proteins and cells	10	Semestre 1	56.5	41	46			
Charger le détail								
Core courses : Transdisciplinary project	2.5	Semestre 1		10	15			
Charger le détail								
Masteriales	2.5	Semestre 1	2	15				
Charger le détail								
Languages and communication								
English for Sciences ORSAY	2.5	Semester 1		25				
Charger le détail								
Intercultural communication: "Let's Talk, How university students see the world"	2.5	Semestre 1		6	24			
Charger le détail								
Français Langue Etrangère	2.5	Semestre 1	11	10				

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practica class

Charger le détail

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class	distan learn cour
Internship	7.5	Semestre 2	4						

Charger le détail

Scientific project	5	Semestre 2	4						

Charger le détail

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class	distan learn cour
Optional Internship	0	Semestre 1							

Charger le détail

UE libre_2 S2 - 2,5 ECTS	2.5	Semestre 1							

Charger le détail

EUGLOH events	0	Semestre 1							

Charger le détail

UE libre_1 S1 - 2,5 ECTS	2.5	Semestre 1							

Charger le détail

UE libre_2 S1 - 2,5 ECTS	2.5	Semestre 1							

Charger le détail

UE libre_1 S2 - 2,5 ECTS	2.5	Semestre 2							

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class	distan learn cour
Charger le détail									

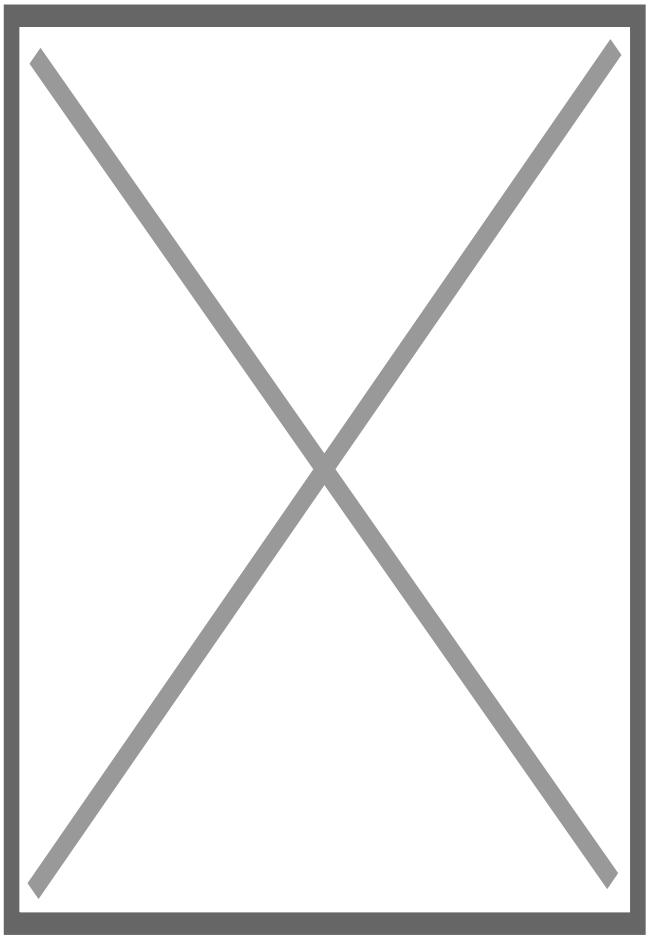
Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practic class
Ecological transition	2.5	Semester 2	8	14				
Charger le détail								
Introduction to human genetics	2.5	Semester 2	12	11				
Charger le détail								
Animal transgenesis	2.5	Semestre 2	14	9				
Charger le détail								
Cellular economics	2.5	Semestre 1	13		10			
Charger le détail								
Systems Biology I	2.5	Semestre 1	14	9				
Charger le détail								
Workshop on model organisms / HELIX1	2.5	Semester 1	2		23			
Charger le détail								
Workshop on model organisms / HELIX2	5	Semester 1	4		48			
Charger le détail								
Technologie des neurosciences / Methods in Neuroscience	5	Semester 1		5	41			
Charger le détail								
Molecular and cellular endocrinology	5	Semester 1	42					
Charger le détail								

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed	Lecture/practical	directed study/practic class
Introduction to biotherapies, from stem cells to organoids	2.5	Semestre 2	6	5	12			
Charger le détail								
Immuno-pathophysiology	2.5	Semestre 2	14	9				
Charger le détail								
Functional (epi)genomics and precision medicine	2.5	Semestre 2	14	9				
Charger le détail								
Systems Biology II	2.5	Semestre 1	14	9				
Charger le détail								
Epigenetics	2.5	Semestre 2	13	10				
Charger le détail								
Synthetic Biology	2.5	Semestre 2	14	9				
Charger le détail								
Current Questions in Evolution	5	Semestre 2	37					
Charger le détail								
Lipids and membranes in patho-physiology	2.5	Semester 2	13	10				
Charger le détail								
Integrative microbiology	2.5	Semestre 2	10	10				
Charger le détail								
Physiopathologie endocrinienne	2.5	Semester 2	19	4				
Charger le détail								

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed	Lecture/practical	directed study/practic class
Neurobiology of emotions and decision making Charger le détail	2.5	Semester 2						
Neurobiology of Integrated Systems Charger le détail	5	Semester 2						
In vivo stem cells dynamics and function Charger le détail	2.5	Semestre 1	14	9				
Cell reprogramming and regeneration Charger le détail	2.5	Semester 2	14	9				
DNA Damage Repair in Normal and Cancer Cells Charger le détail	2.5	Semester 1		23				
Current Topics in Neuropathology and Research Design Charger le détail	5	Semester 1	22	24				
Chromatin control of Gene expression Charger le détail	2.5	Annualized	10	6	7			

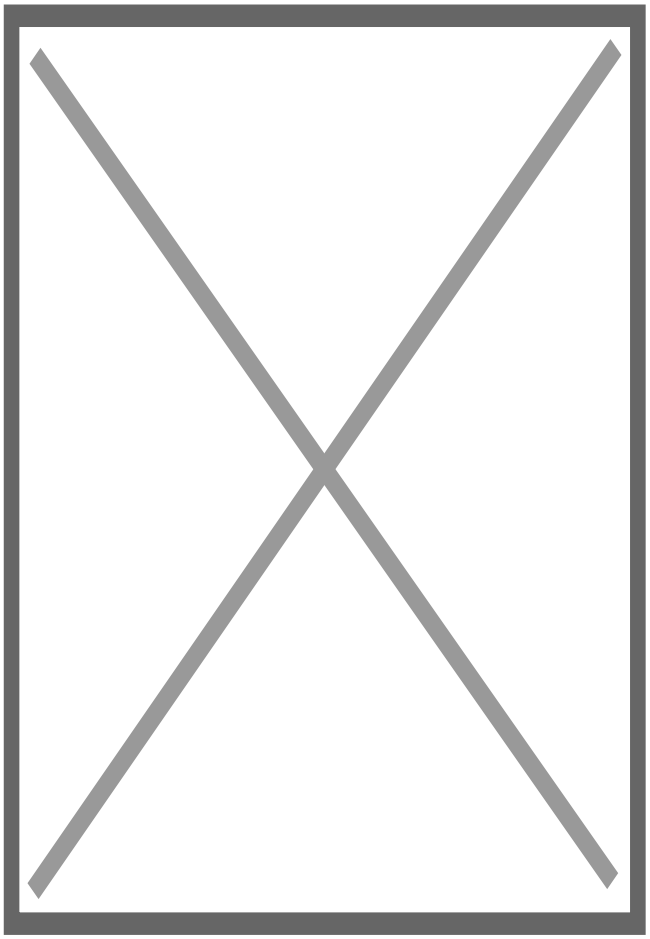
Training campus

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Saclay Moulon

Saclay / Gif-sur-Yvette / Orsay
Bus 4606 / 4609 / 4611 / 5154
RER B Le guichet
Voir
Student restaurant (CROUS)
Library
Sports facilities
Student residence



Evry

Evry
Bus 9105, 4504
RER D Evry Courcouronnes
Voir
Student restaurant (CROUS)
Library
Student residence
Sports facilities

Contact

- **Andrea BURGO**

  MCF

- **Soumaya NAJAH**

  Responsable de formation

http://www.universite-paris-saclay.fr/formation/master/neurosciences/m1-international-track-france-site-evry