Université Paris-Saclay

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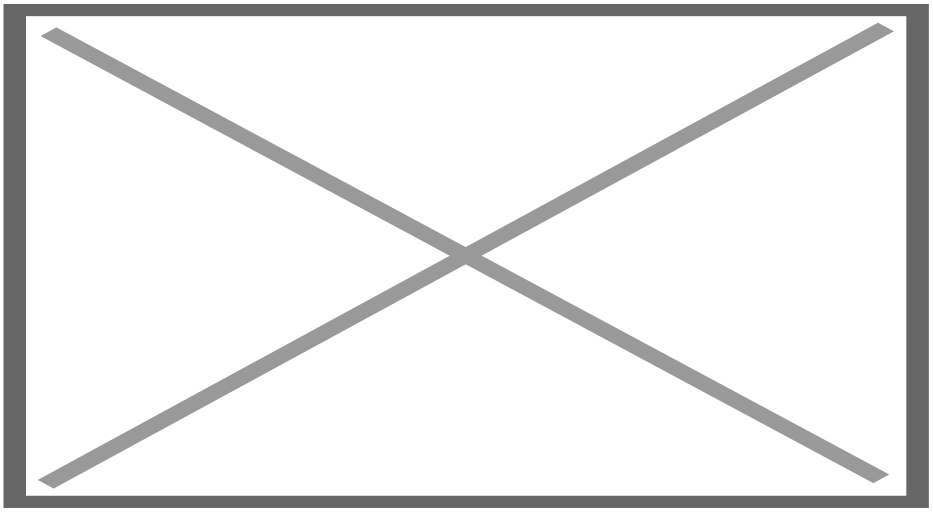
M1 Biologie Agrosciences Animales

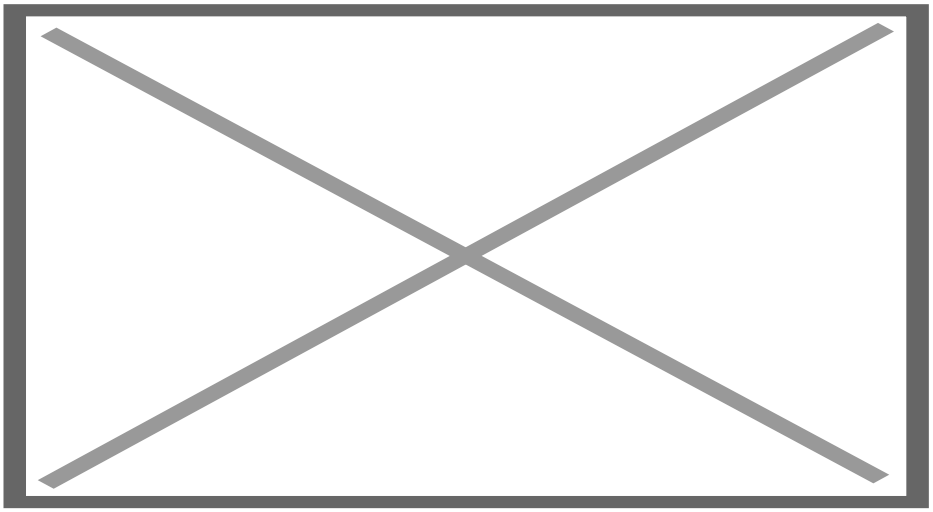
Master's degree
Specialisation Biologie-AgroSciences
Enrolment type
Formation initiale
Language(s) of instruction
English
French

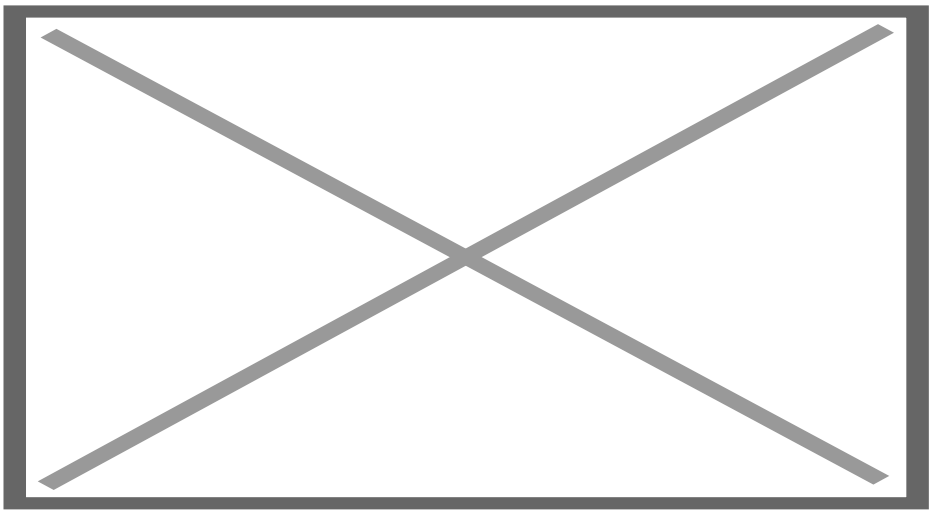
This M1 is aimed at students with skills in animal biology in the broad sense wishing to deepen the applications of these skills to comparison between animal species, and practical applications

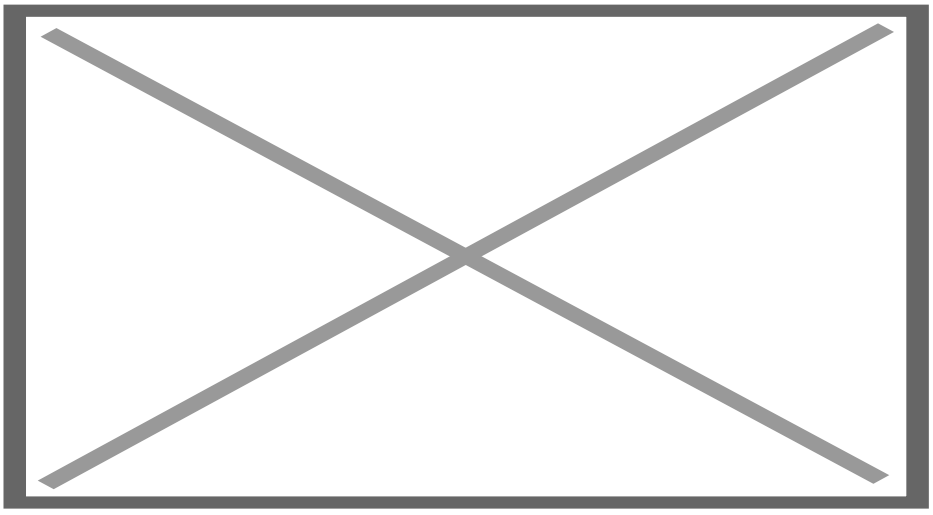
2 semesters with a common core, associated with compulsory Teaching Units (UC), and optional UC.

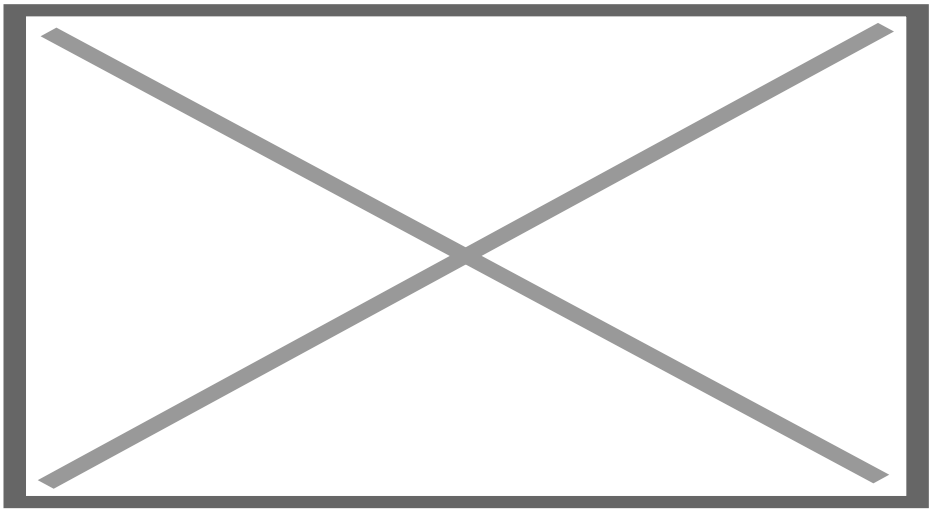
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Information

- Overview
- Application requirements
- Schedule

Présentation

Skills

Identify the scientific and technical challenges of the animal science sector. Be able to make proposals for improving the identified problems

Objectives

The objective of M1 is to train in applied animal sciences, through an integrative approach to biology, mainly including genetics, physiology, behavior and animal health. It is also about training students in animal issues from wild species to domesticated species.

Débouchés

Career prospects

After a Master's or Master's + PhD: engineer (R&D, control, production, etc.)
After a Master's or Master's + PhD: researcher or lecturer
Sectors of activity: fundamental or applied research in Biology, Health or Ecology in academia or the private sector
Data Scientist
R&D Project Manager
Design engineer industry / public research
Research & Development Engineer
Research and Innovation Manager
Scientific communication, technology watch or technology transfer Officer
Project Manager
Research officer
Data scientist

Further Study Opportunities

2nd year Master’s

Calendar

Start of programme (indicative date)
01/09/2026
End of programme (indicative date)
30/06/2027
Admission

Admission Route

Life Sciences
Life and Earth Sciences

Capacity

Available Places

16

Target Audience and Entry Requirements

Degree in Life Science.

Motivation for animal science and associated issues

Période(s) de candidature

Inception Platform

From 15/01/2026 to 16/03/2026

From 19/06/2026 to 25/06/2026

MonMaster Platform

From February 17th to March 16th, 2026

To find out which platform you should apply through, please see the Masters' applications and enrolment page.

Supporting documents

Compulsory supporting documents

Motivation letter.

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

Curriculum Vitae.

Detailed description and hourly volume of courses taken since the beginning of the university program.

Additional supporting documents

Referring contact information (compulsory for non-international applicants).

Certificate of English level (compulsory for non-English speakers).

English language level certificate B1 (IELTS : score 4/5 ; TOEIC : score 550/760 ; TOEFL IBT : score 42/71). In the absence of official proof, level B1 certificate issued by the English teacher or transcript specifying level B1.

Certificate of French (compulsory for non-French speakers).

Level B2 : Non native french speakers, a knowledge certificate issued by the French Embassy or a French language center. Students holding a French diploma or a diploma instructed in French are exempt from that obligation.

VAP file (obligatory for all persons requesting a valuation of the assets 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.

Programme

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed	Lecture/practical	directed study/practical class	distan learn cour
Internship	8	Semester 2		104					
Charger le détail									

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class	di le c
Biodiversity and Genome Evolution	3	Semester 1	9.5	15					
Charger le détail									
English courses / Soliya project	2.5	Semester 1		21					
Charger le détail									
Epistemology	2	Semester 1	15						
Charger le détail									
Project Adopt a gene (Elective courses A - option 1)	3	Semester 1	0	0	15				
Charger le détail									

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed	Lecture/practical	directed study/practical class	di le c
Metabolism and Physiology	2.5	Semester 1	9	6					
Charger le détail									
Biosphera lecture series	1	Semester 1	6						
Charger le détail									
Statistics	3	Semester 1	10		11				
Charger le détail									
Project Adopt a dataset (Elective courses A - option 2)	3	Semestre 1	3		12				
Charger le détail									

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed	Lecture/practical	directed study/practical class
Athens (UC choix S1)								
Les enjeux de l'embryon	3	Semester 1	12	6				
Charger le détail								
New Challenges for Animals Science	3	Semestre 1	27	3				
Charger le détail								
Nutrition en Conditions Extrêmes	3	Semester 1	30					
Charger le détail								
Animal Plateform (mandatory S1)								
Animal biotechnologies	4	Semester 1	48					
Charger le détail								

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class
Comparative animal physiology	4	Semester 1	50	6	6			

Charger le détail

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practica class
Plateforme animale (UC Choix S2)								
Proteins and biotechnologies (Elective courses D - option 2)	4	Semester 1	14	16				

Charger le détail

Fonctionnement de l'entreprise innovante	4	Semester 2	20	20				

Charger le détail

UC à choix (cursus ingénieur S2)								
Ingénierie cellulaire expérimentale	4	Annualized			48			

Charger le détail

Initiation à la médiation scientifique	4	Semester 2	15	15				

Charger le détail

Plateforme Animale (UC obligatoires S2)								
Du sauvage au domestique : évolution, places et rôles de l'animal dans nos sociétés	4	Semester 2	39	5	3			

Charger le détail

Introduction à la génétique animale	3	Semester 2	15.5	7.5				

Charger le détail

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practica class
Modélisation et physiologie animale Charger le détail	4	Semester 2	18	18				
Santé et bien-être animal Charger le détail	2	Semester 2	30					
Ethologie et bien-être animal Charger le détail	3	Semester 2	15	7.5	7.5			

Contact

- **Thomas HEAMS**
- **Christelle Loncke**

http://www.universite-paris-saclay.fr/formation/master/biologie-agrosciences/m1-biologie-agrosciences-animales