Université Paris-Saclay

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M1 Agrosciences, Environnement, Territoires, Paysages, Forêt

Master's degree
Specialisation Agrosciences, Environment, Territory, Landscape, Forest
Enrolment type
Formation initiale
Formation continue
Language(s) of instruction
French

The Agrosciences, Environment, Territories, Landscape, Forest (AETPF) specialization deals in a multidisciplinary manner with the sustainable management of resources and environments in the territories, considering the issues of sustainable agriculture, agroecology and environmental preservation.

The first year of the Master's program addresses issues related to agriculture and the environment, providing the general disciplinary foundations for addressing them in ecological, biotechnical, and social sciences. It provides the basic foundations necessary for an integrative approach before the second year of the Master's program, where a more in-depth or deliberately interdisciplinary focus will be pursued in the various specialties. Some optional courses in the first and second semesters offer assistance in choosing an M2 program in this specialization.

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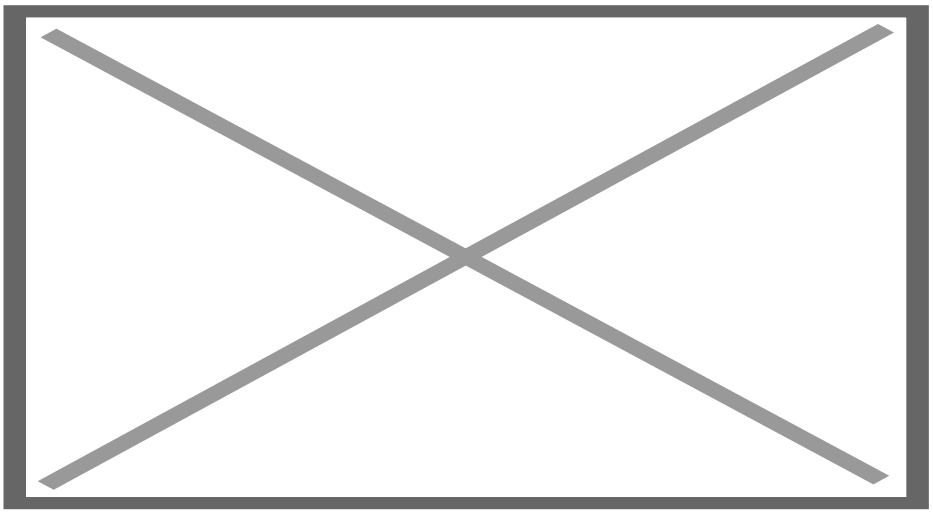

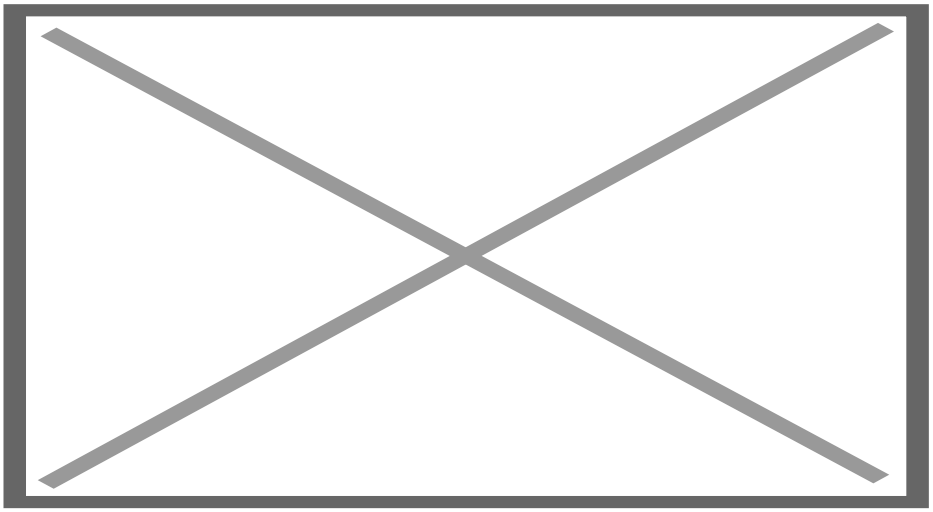

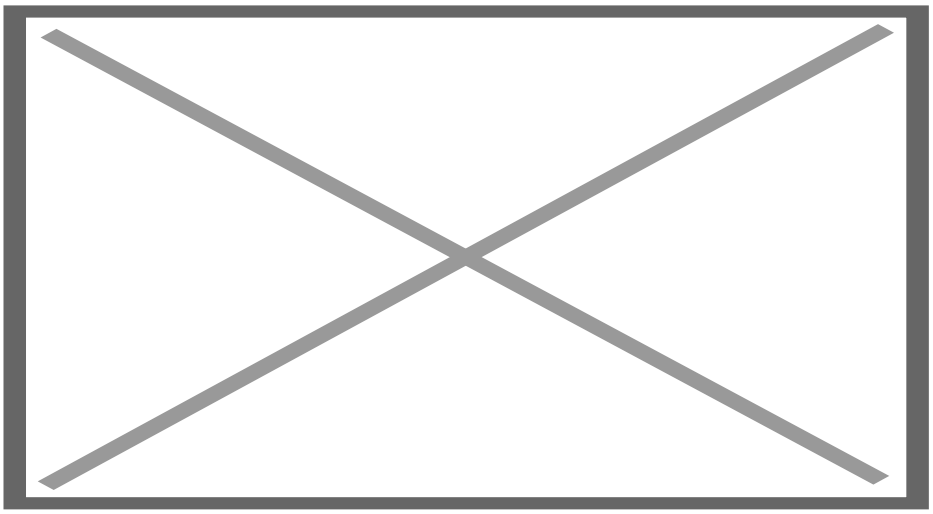

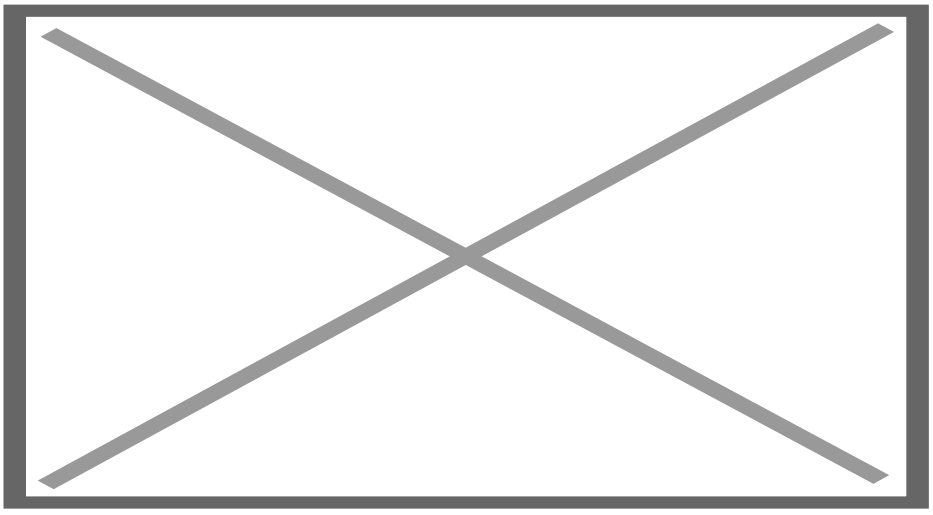

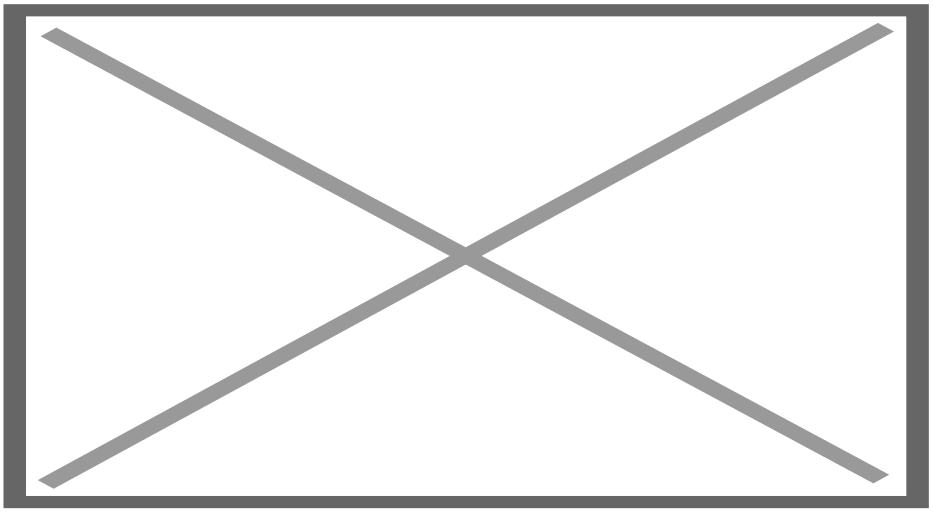

Information

- Overview
- Application requirements
- Schedule

Présentation

Objectives

The objective of the Agrosciences, Environment, Territories, Landscape, Forest specialization is to train specialists with a high level of scientific skills in the fields of management of natural, rural and peri-urban spaces and management of natural resources. The training emphasizes an integrative vision, both multidisciplinary and multi-scale (from the molecular or mineralogical scale to the cultivated plot, the watershed, the landscape, from local to global scales) of the questions and the development of solutions. It also gives an important place to modeling, to its theoretical, mathematical and statistical foundations, as well as to other research methods (experimental, participatory, survey) allowing, combined, to better understand complex agricultural, forestry and ecological systems. The students trained must be able to mobilize appropriate scientific approaches to contribute to addressing major ecological problems (from maintaining biodiversity to controlling invasive species), food (from undernourishment to ecological agricultural production methods), linked to to resources (from soil fragility to atmospheric pollution) and to spaces (from landscape and forest management to global climate change), today and tomorrow. The first year of the Master's degree addresses the major societal issues affecting the aforementioned fields, providing general disciplinary complements (compared to the Bachelor's degree) to address them in the fields of natural, biotechnical, and economic and social sciences. It allows students to acquire the common foundations necessary for an integrative vision before the second year of the Master's degree, where a more marked disciplinary deepening will be carried out in the different specialties. Furthermore, this Master's training in and through research places particular importance on direct confrontation with objects and methods, to strengthen the autonomy and self-learning capacity of students. It also gives a significant part to project work, field placements, laboratory or company internships.

Calendar

Start of programme (indicative date)

02/10/2025
Admission

Admission Route

Geography and planning
Mathematics and computer science applied to human and social sciences
Physics
Life Sciences
Earth Sciences
Life and Earth Sciences
Engineering Sciences

Capacity

Available Places

25

Target Audience and Entry Requirements

This course is open primarily to holders of a bachelor's degree (or equivalent) in environmental sciences, agricultural sciences, ecology, biology, or geology. It can also accommodate students with bachelor's degrees in geography or political science interested in the economic and social dimensions of the management of natural, rural, and peri-urban areas or the management of natural resources and ready to understand the physical, mathematical, and biological bases.

Période(s) de candidature

Inception Platform

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

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

Rank of previous year and size of the promotion.

Lorsque le classement de l'étudiant est connu, il est apprécié par le jury de le mettre à disposition

Supporting documents (TOEFL, TOEIC, certificate of a teacher ...) of a level of a foreign language.

Motivation letter.

Une indication du projet de M2 en poursuite du M1 est appréciée si le candidat a une idée précise de son projet professionnel futur. Cela n'est toutefois pas indispensable et n'est pas non plus engageant.

List of other masters requested (excluding Saclay).

Sur papier libre, listez les autres candidatures que vous présentez en dehors de l'université Paris-Saclay

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

Certificate of English level.

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.

Curriculum Vitae.

Additional supporting documents

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

Ce sont les coordonnées de toute personne (enseignant, maître de stage, employeur...) à même d'éclairer le jury sur la motivation et les capacités du candidat à suivre une formation de niveau M1.

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

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 study	Lecture/practical class	directed study/practical class	di le c
Cycle de conférences BIOSPHERA	3	Semestre 1	20						
Charger le détail									
Statistiques	3	Semestre 1	12	12					
Charger le détail									
Anglais	3	Semestre 1		30					
Charger le détail									

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class	dis lea c
Diagnostic agronomique et paysager à l'échelle de l'exploitation agricole	3	Semestre 1	15						
Charger le détail									
Statistiques 2	3	Semestre 1	12	12					
Charger le détail									
Cycles et ressources, Cas des ENR	3	Semestre 1	15	6					
Charger le détail									

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class
Economie de l'environnement et des changements climatiques	3	Semestre 2	30					
Charger le détail								
Pollutions Atmosphériques et Ecosystèmes	3	Semestre 2	24	6				

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class
Charger le détail Bases de l'agroécologie	3	Semestre 2	10	20				
Charger le détail Evaluation et conception de systèmes de culture	3	Semestre 2	15	6				
Charger le détail Science du sol 2	3	Semestre 2	3	6				
Charger le détail Fonctionnement du couvert végétal : de la mesure au modèle	3	Semestre 2	3	20	6			
Charger le détail UE libre S2	3	Semestre 2						

Charger le détail

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class
Ecophysiologie des peuplements cultivés	3	Semestre 1	15	15				
Charger le détail Institutions et acteurs de l'environnement et de l'agriculture	3	Semestre 1	24					
Charger le détail Science du sol	3	Semestre 1	15	15				

Charger le détail

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class
Module de recherche bibliographique semestre 1	3	Semestre 1	12					
Charger le détail								
Écologie et génétique des populations	6	Semestre 1	42	6				
Charger le détail								
Projet Professionnel et Personnel ("PPP)")	0	Semestre 1		9				
Charger le détail								

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class
Analyse spatiale / SIG	3	Semestre 2	10	20				
Charger le détail								
Diversité des rapports entre science et sociétés	3	Semestre 2	15	15				
Charger le détail								
Initiation à la physique des échanges Sol-Plante-Atmosphère	3	Semestre 2	18	12				
Charger le détail								
Module de recherche bibliographique semestre 2	3	Semestre 2						
Charger le détail								

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class
Ecologie appliquée au projet de paysage: de la théorie à l'application spatiale	3	Semestre 2	15	15				

Charger le détail

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class	distan learni cour
Stage de recherche	6	Semestre 2							

Charger le détail

Teaching Location(s)

PALAISEAU

Contact

- **Jean-François CASTELL**

  AgroParisTech
- **Laurène Perthame**

  MCF

http://www.universite-paris-saclay.fr/formation/master/agrosciences-environnement-territoires-paysage-foret/m1-agrosciences-environnement-territoires-paysages-foret