

Université Paris-Saclay

Share



Email destinataire :

Vous devez renseigner un email valide

Envoyer

Une erreur est survenue. Merci de réessayer ultérieurement

Le mail de partage a bien été envoyé.

Add to Compare

M1 E3A - Site Evry

Master's degree

Specialisation Electrical Engineering

Enrolment type

Formation initiale

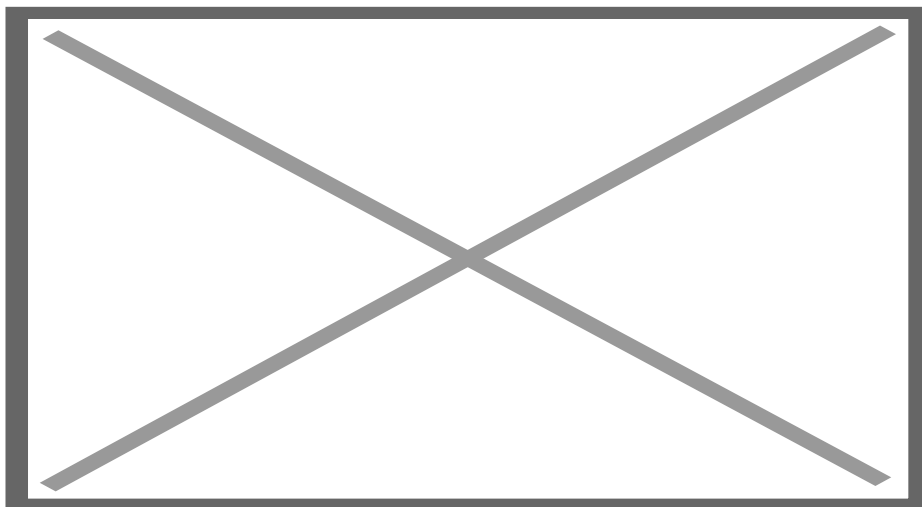
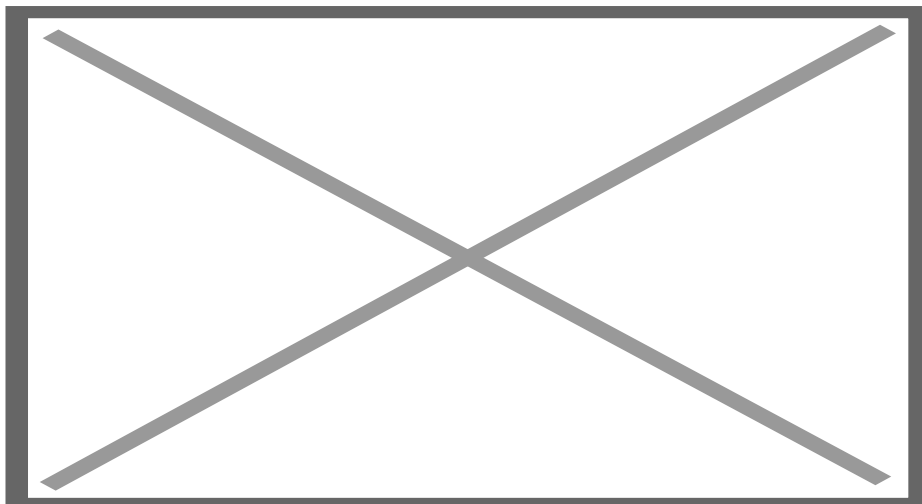
Formation continue

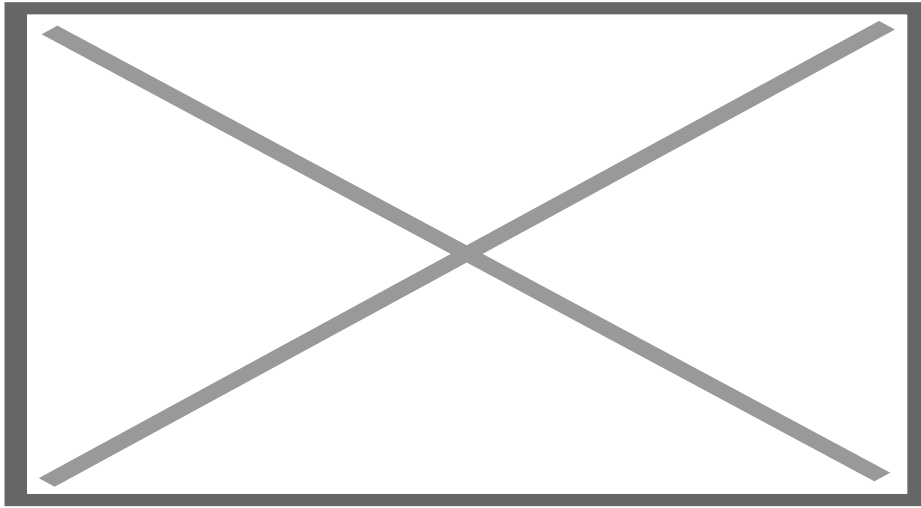
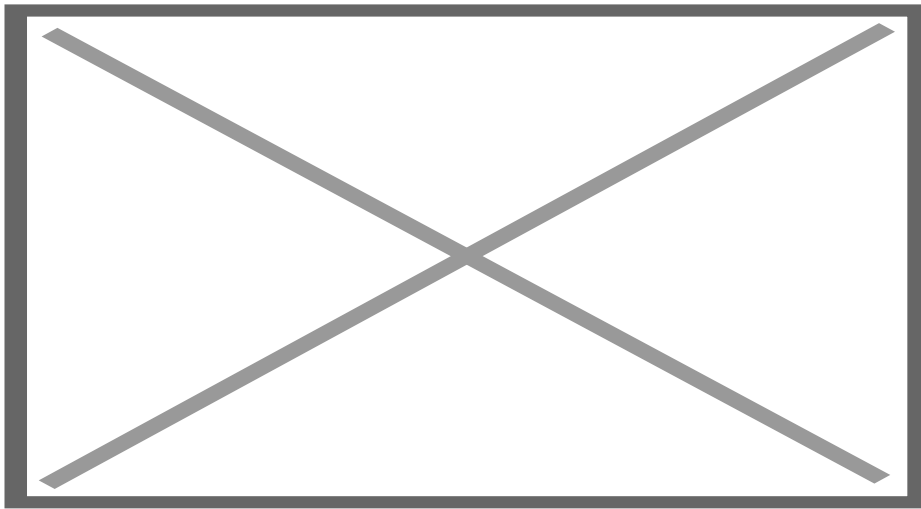
Language(s) of instruction

French

[Télécharger la fiche détaillée](#)

[Apply Now](#)





Information

- [Overview](#)
- [Application requirements](#)
- [Schedule](#)

Présentation

Skills

Master core knowledge in control, electronics, computing, energy, signal, image, and AI.

1. Understand cross-disciplinary interactions and model complex systems.
2. Apply digital tools and analytical methods.
3. Manage projects, work in teams, and communicate in French and English.
4. Develop autonomy, critical thinking, and readiness for M2 specialization.

Objectives

The first year of the Master's program (M1) is distinguished by its generalist and foundational nature, the diversity of courses offered, and the breadth of its disciplinary scope. Delivered across three campuses (Orsay-Cachan, Évry, and Versailles), it aims to provide students with a solid grounding in the program's core fields: control engineering, electronics, industrial computing, computer engineering, electrical energy, signal and image processing, and artificial intelligence. It also seeks to help students understand the interactions among these disciplines.

Fundamental courses are offered in the first semester through major teaching units (UE) specific to each discipline. In the second semester, a range of optional units, linked to the specialties of the different campuses, enables students to deepen their knowledge in selected areas and explore new ones. These units are organized into thematic clusters leading to different M2 pathways.

The curriculum also includes English courses, project management training, and a supervised project.

Débouchés

Further Study Opportunities

PhD

Engineering school

fields of statistical learning, artificial intelligence and advanced data analysis

Data Scientist, Data Analyst, Ingénieur·e en Machine Learning dans des secteurs innovants (tech, finance, santé, énergie, etc.) ;

R&D researcher or data modelling and analysis expert in leading-edge companies or laboratories.

2nd year Master's

Head of project/mission
Head of development
Research officer

Admission

Admission Route

Electronics, Electrical Energy, Control
Engineering Sciences

Capacity

Available Places

56

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

Rank of previous year and size of the promotion.

Copy diplomas.

Copy of identity document.

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

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

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
Basics of smart systems	4	Semestre 2	30	30					
Charger le détail									
Adaptive control	4	Semestre 2	30	30					
Charger le détail									
Fundamentals of autonomous systems	4	Semestre 2	30	30					
Charger le détail									
Language	4	Semestre 2			60				
Charger le détail									
Management	4	Semestre 2	30	30					

[illegible]

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

Socle Disciplinaire - S1 - Électif (1 parmi 2)

[Ingénierie Mécatronique](#) 5 Semestre 1

[Charger le détail](#)

[Programmation](#) 5 Semestre 1

[Charger le détail](#)

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

Formation Générale 2

[Sciences de l'ingénierie et des Données](#) 3 Semestre 2

[Charger le détail](#)

[Conduite de Projets](#) 2 Semestre 2 14

[Charger le détail](#)

Socle Disciplinaire - S2 - Électif (1 bouquet parmi 3)

Télécommunications et Systèmes Temps Réels

[Systèmes Temps Réels](#) 5 Semestre 2

[Charger le détail](#)

[Télécommunications pour Systèmes Mobiles](#) 5 Semestre 2

[Charger le détail](#)

Vision, Perception et Intelligence

[Bases de l'Intelligence Artificielle](#) 5 Semestre 2

[Charger le détail](#)

[Vision et Perception](#) 5 Semestre 2

[Charger le détail](#)

Systèmes Automatiques Mobiles

Subjects	ECTS	Semester	Lecture directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class
Dynamique des véhicules terrestres et aériens ■	5	Semestre 2					
Charger le détail Systèmes multi-agents et coopération ■	5	Semestre 2					
Charger le détail Travaux d'Etudes et de Recherche (TER)							
Travaux d'études et de recherche ■	5	Semestre 2					
Charger le détail Socle Disciplinaire - S2 - Obligatoire							
Modélisation et Commande Avancée ■	5	Semestre 2					
Charger le détail Instrumentation et Filtrage ■	5	Semestre 2					
Charger le détail							

Teaching Location(s)

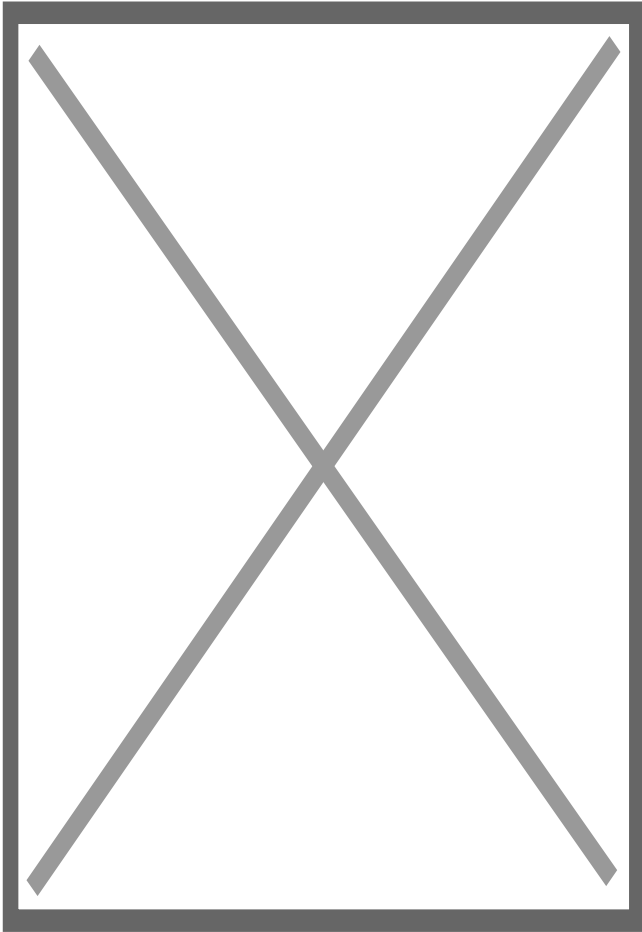
EVRY

Programme

[Detail of the programme](#)

Training campus

Javascript est requis pour visualiser cette carte.



Evry

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

Contact

- **Hichem ARIOUI**

<http://www.universite-paris-saclay.fr/formation/master/electronique-energie-electrique-automatique/m1-e3a-site-evry>