

Université Paris-Saclay

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M2 Mathématiques et Apprentissage Statistique

Master's degree

Specialisation Mathematics and applications

Enrolment type

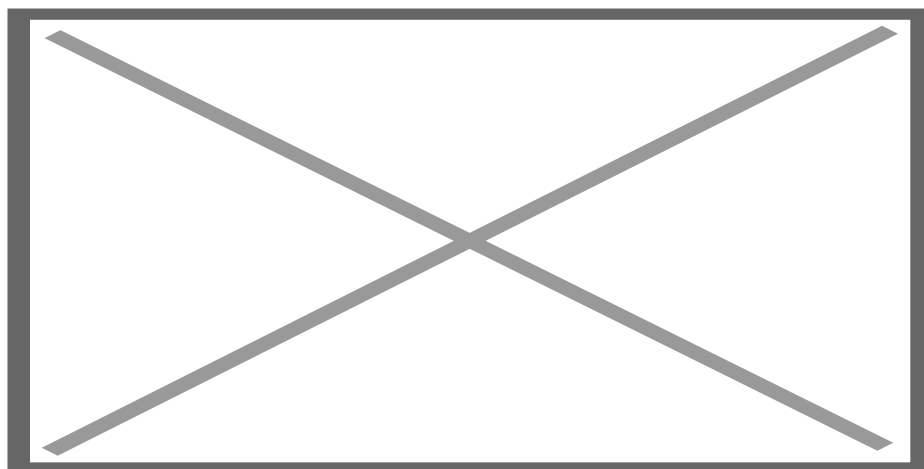
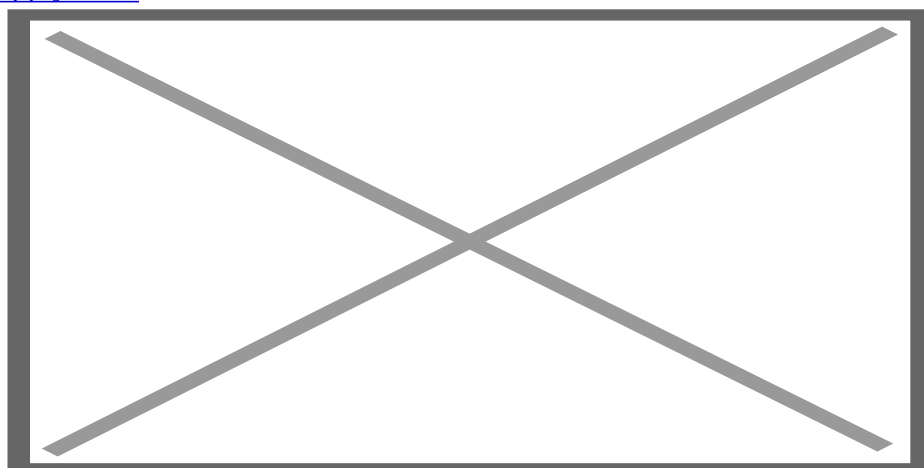
Formation initiale

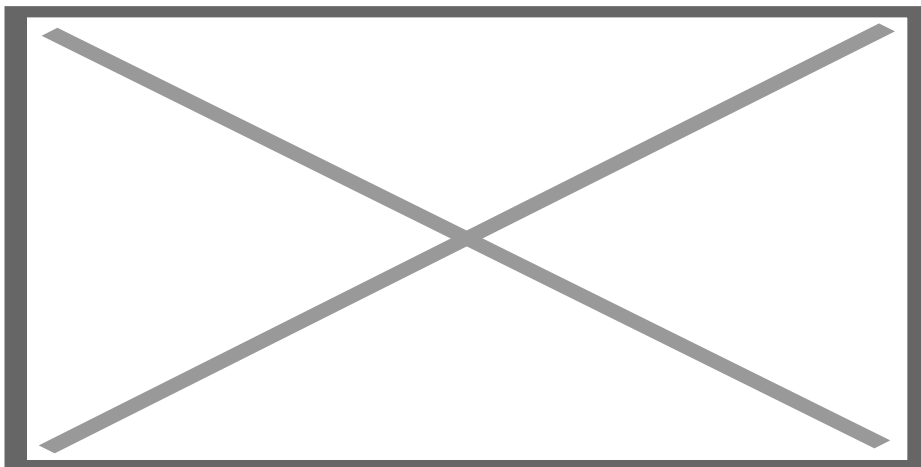
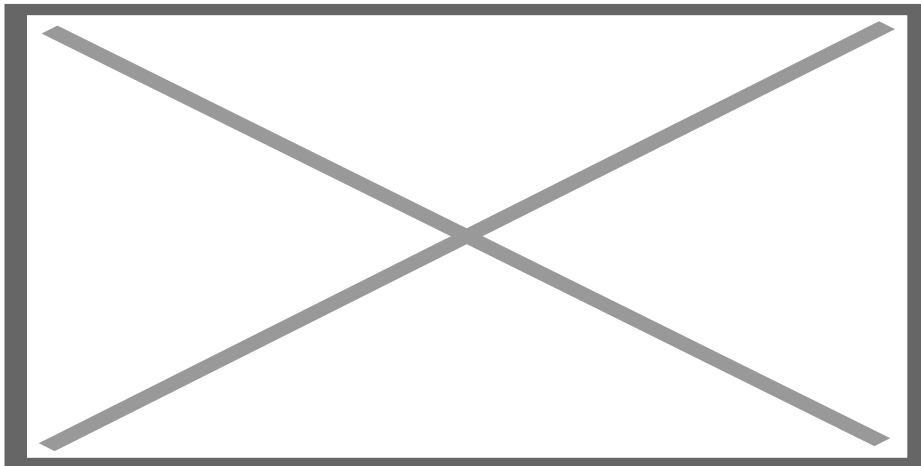
Language(s) of instruction

French

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Information

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

Présentation

Débouchés

Further Study Opportunities

The in-depth teaching in statistics, machine learning and applied mathematics provides students with the solid foundations they need to pursue a doctoral thesis.

fields of statistical learning, artificial intelligence and advanced data analysis

In particular, this track prepares students for applied research activities, usually undertaken after a PhD, whether in academia or in R&D.

the curriculum also enables students to enter the corporate world directly after their graduation, in positions such as Data Scientist, Data Analyst or Machine Learning Engineer.

Graduates then have the competencies expected in rapidly evolving sectors such as tech, finance, healthcare and energy.

Admission

Capacity

Available Places

12

Période(s) de candidature

Inception Platform

From 27/04/2026 to 27/06/2026

From 15/08/2026 to 30/08/2026

Supporting documents

Compulsory supporting documents

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.

Additional supporting documents

Letter of recommendation or internship evaluation.

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	practical class	directed study/practical class
Ouverture à la recherche ■	4	Annualisé	15	15				
Charger le détail Statistique computationnelle ■	4	Annualisé	15	15				
Charger le détail Statistique bayésienne ■	4	Annualisé	15	15				
Charger le détail Statistique non paramétrique ■	6	Annualisé	26	25				
Charger le détail								

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class	distance learning
Stage en entreprise ou laboratoire de recherche	16	Semestre 2							

[Charger le détail](#)

[Séminaire](#)

[invité](#)

[\(entreprise et recherche\)](#) 2 Annualisé 18

[Charger le détail](#)

[Charger le détail](#)

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class	distance learning
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[Time series analysis](#) 4 Semester 1 18 18

[Charger le détail](#)

[Charger le détail](#)

[Machine](#)

[Learning and uncertainty quantification](#) 3 Semester 2 15 15

[Charger le détail](#)

[Charger le détail](#)

[Apprentissage profond et IA générative](#) 4 Annualisé 15 15

[Charger le détail](#)

[Charger le détail](#)

[Projet Data Challenge](#) 3 Annualisé

[Charger le détail](#)

[Charger le détail](#)

[Apprentissage non supervisé](#) 5 Annualisé 21 21

[Charger le détail](#)

[Charger le détail](#)

[Méthodes de régression avancées](#) 5 Annualisé 21 21

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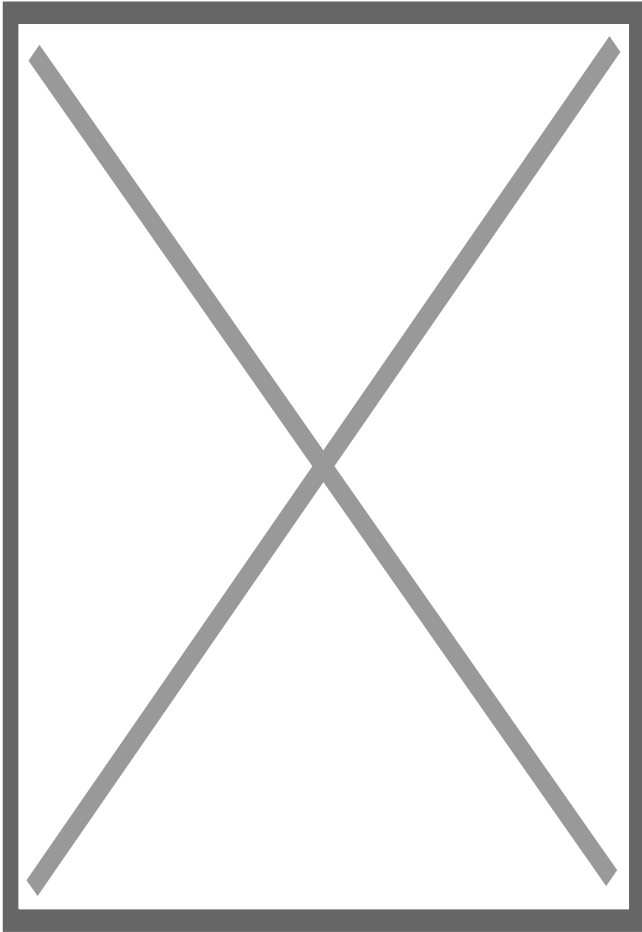
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Teaching Location(s)

VERSAILLES

Training campus

Javascript est requis pour visualiser cette carte.



Versailles

Versailles

Bus 8 - 10 - 13 - 105 - 108 - 471

Versailles Rive Droite - Ligne L

RER C Versailles Château Rive gauche

[Voir](#)

Student restaurant (CROUS)

Library

Student residence

Contact

- **Ester MARIUCCI**

<http://www.universite-paris-saclay.fr/formation/master/mathematiques-et-applications/m2-mathematiques-et-apprentissage-statistique>