

Université Paris-Saclay

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M2 Ingénierie Statistique, Actuariat et Data Science

Master's degree

Specialisation Mathematics and applications

Enrolment type

Contrat de professionnalisation

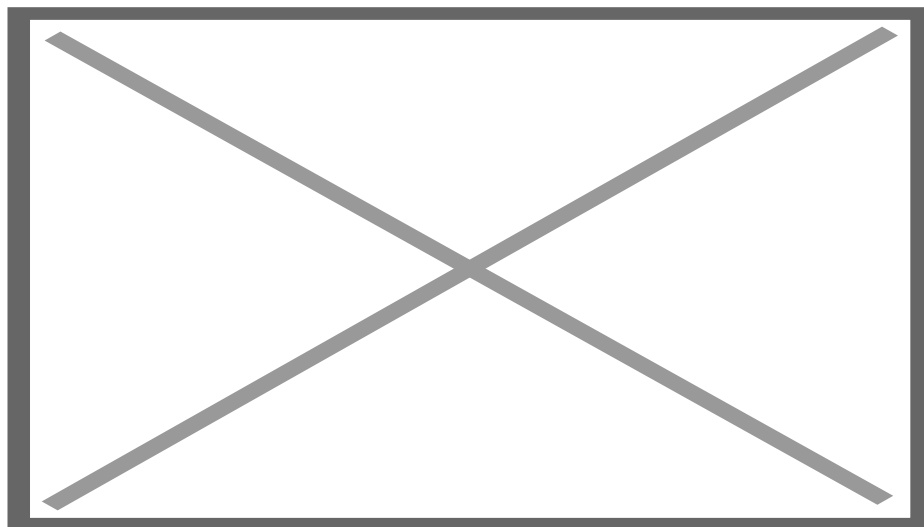
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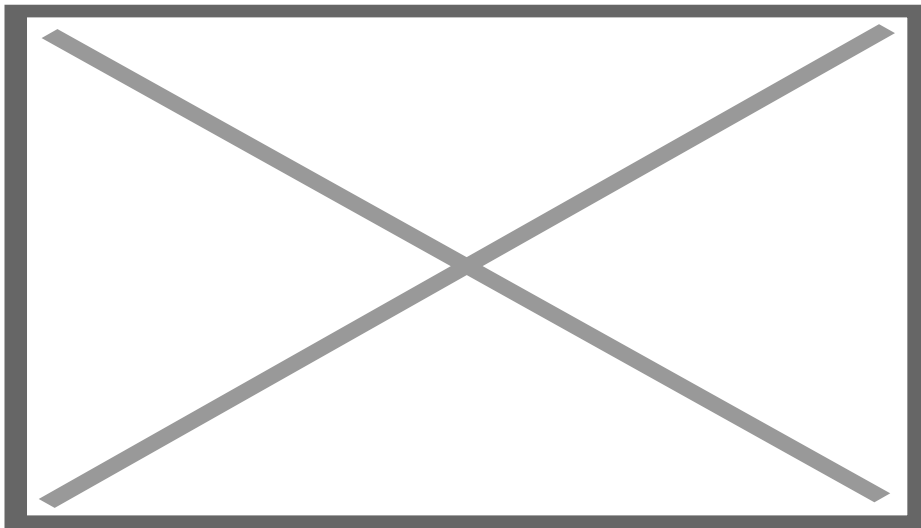
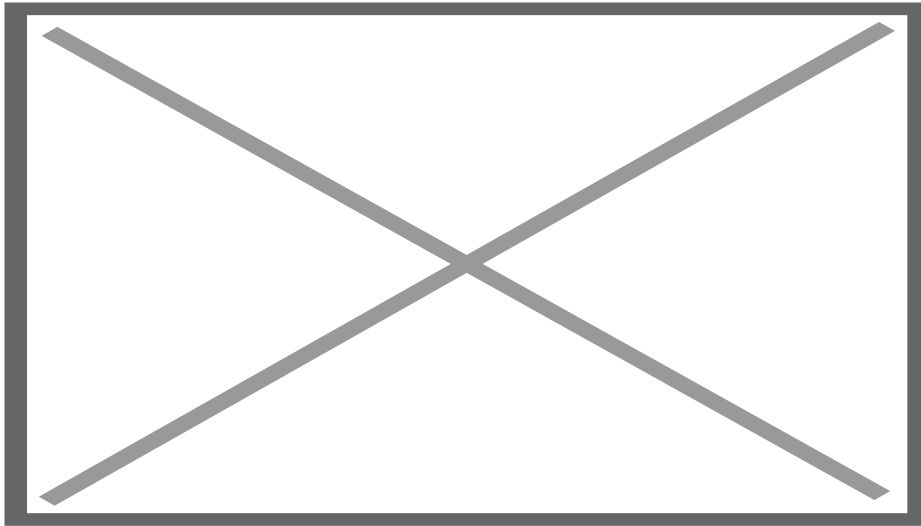
Language(s) of instruction

French

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Information

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

Présentation

Débouchés

Career prospects

Data Scientist

Economic and statistical analyst

Research statistician
Data scientist

Further Study Opportunities

Master in Mathematics

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

Admission

Admission Route

Mathematics and computer science applied to human and social sciences

Mathematics

Undergraduate double degree Mathematics - Physics

Capacity

Available Places

20

Période(s) de candidature

Inception Platform

From 14/04/2026 to 13/06/2026

Supporting documents

Compulsory supporting documents

Motivation letter.

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

Curriculum Vitae.

Recommendation letters.

Additional supporting documents

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
Statistique bayésienne	3	Annualisé	12	12				
Charger le détail								
Nonparametric statistics	5	Semester 1	21	21				
Charger le détail								
Apprentissage profond et IA générative	3	Annualisé	12	12				
Charger le détail								
Master project	3	Semester 1	0	30				
Charger le détail								
Anglais	3	Semestre 1		26				
Charger le détail								
Time series analysis	4	Semester 1	18	18				
Charger le détail								
Engagement et Vie Associative	3	Annualisé						
Charger le détail								

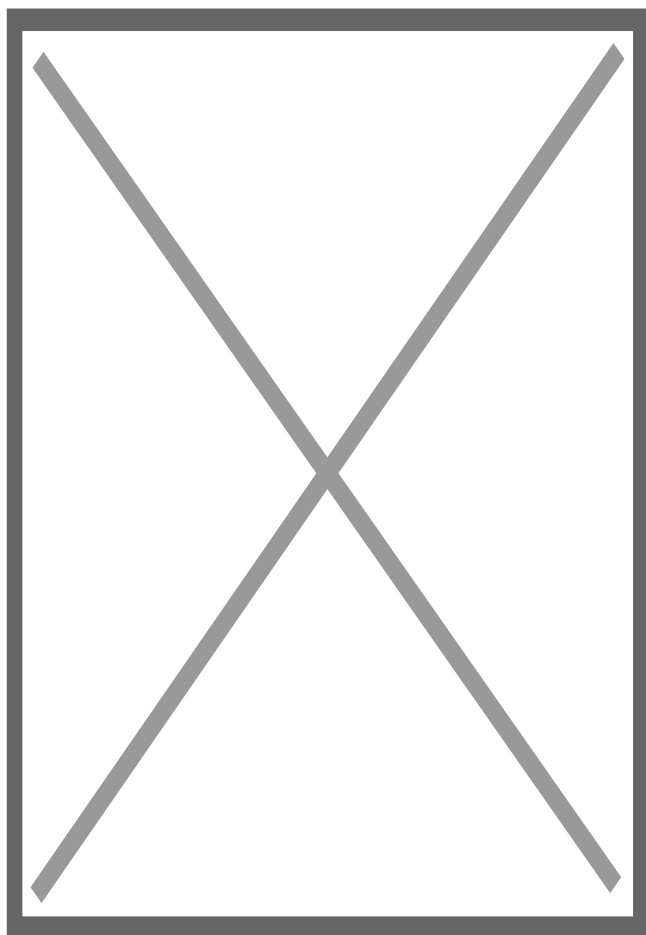
Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class	distance learning course
Life insurance	5	Semester 1	23	22					
Charger le détail									
Non life insurance	5	Semester 1	23	22					
Charger le détail									
Risk analysis	3	Semester 1	15	15					
Charger le détail									

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class	distance learning course
Regression analysis	4	Semester 1	18	18					
Charger le détail									
Unsupervised learning	4	Semester 1	18	18					
Charger le détail									
Marketing applications	3	Semester 1	15	15					
Charger le détail									
Machine Learning and uncertainty quantification	3	Semester 2	15	15					
Charger le détail									

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class	distance learning course
Internship	15	Semester 1							
Charger le détail									

Training campus

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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

- **Charles TILLIER**

MCF

<http://www.universite-paris-saclay.fr/formation/master/mathematiques-et-applications/m2-ingenierie-statistique-actuariat-et-data-science>