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M1 Mathématiques et interactions - Site Evry

Master's degree

Specialisation Mathematics and applications

Enrolment type

Formation initiale

Formation continue

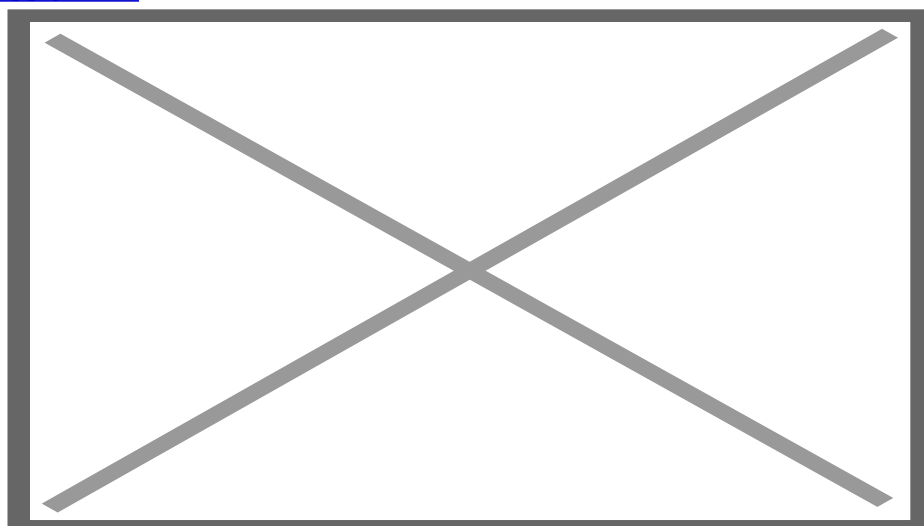
Language(s) of instruction

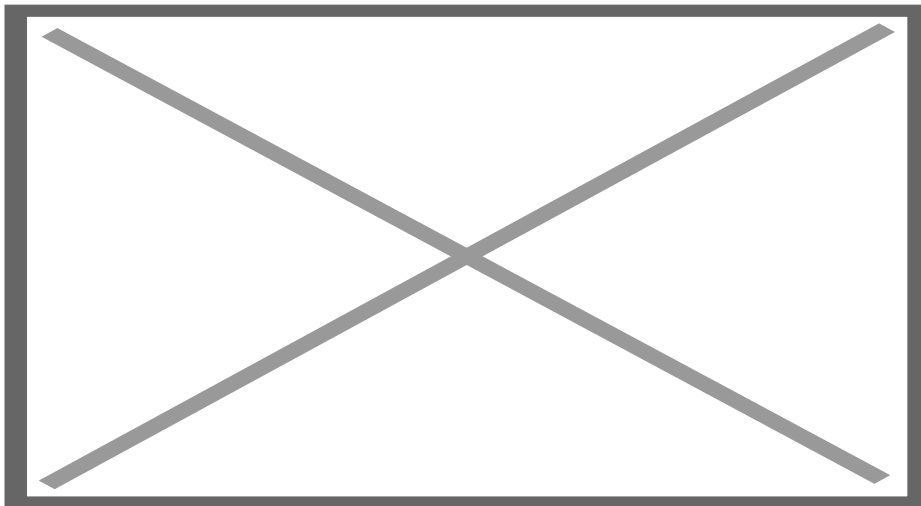
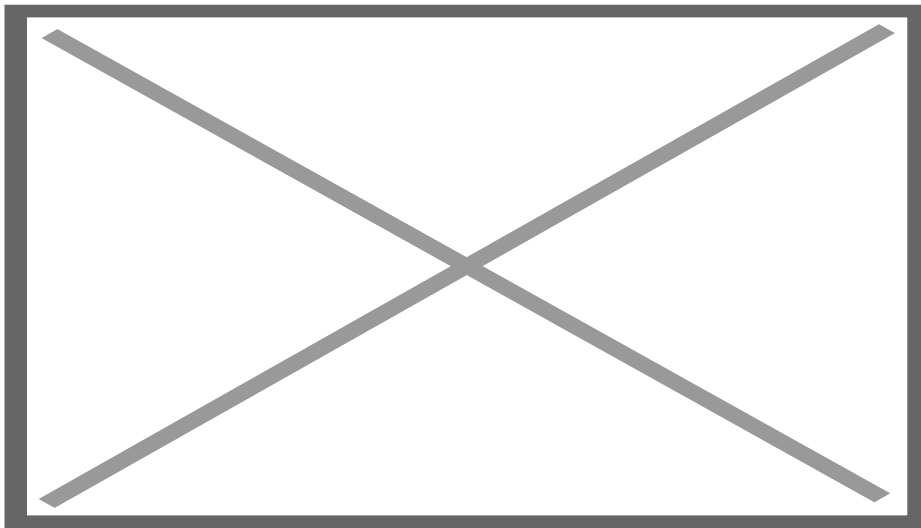
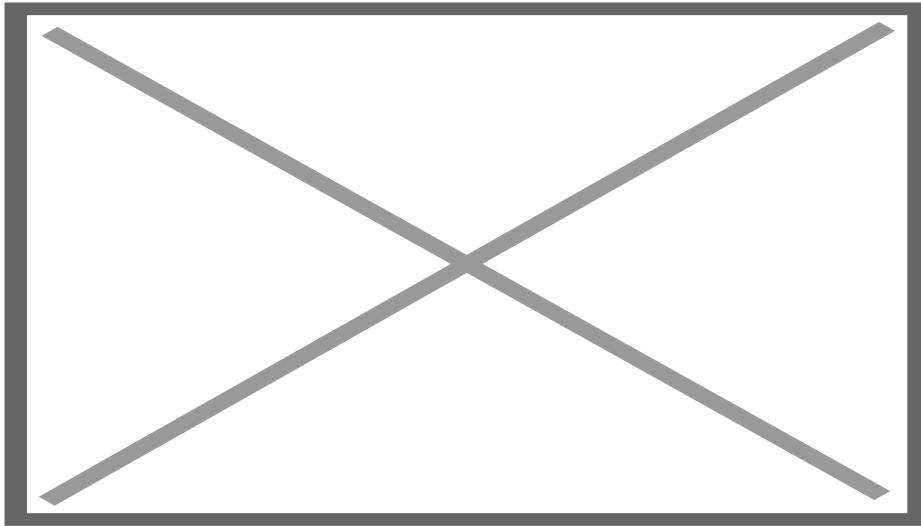
French

The M1 Master's program in Mathematics and Interaction (MINT), Évry site, is the first year of the Master's in Mathematics and Applications at Université Paris-Saclay. The M1 MINT (Évry) aims to develop skills in functional analysis, PDEs, optimization, probability and statistics, stochastic processes, statistical learning, and programming in various languages (C++, R, SQL). It prepares students for entry into second-year master's programs (M2) in Probability or Financial Mathematics and/or in Statistics, Data Science, and Statistical Learning. It also provides preparation for M2 tracks in analysis and modeling.

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Information

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

Présentation

Objectives

Développer des compétences en

- probabilités, processus stochastiques et mathématiques financières
 - en programmation (python, R, C++,...)
 - en statistiques et machine learning
 - en analyse et modélisation
- Le programme est axé sur l'idée de 3 parcours types débouchant sur une poursuite d'études dans les master 2 d'Evry : Data Sciences: santé, assurance, finance et Finance quantitative (ancien M2 IF), dans le M2 AMS de Paris Saclay, mais aussi, de façon plus marginale dans les M2 de Paris Saclay (MVA, statistique et machine learning, etc...)

Admission

Admission Route

Mathematics

Capacity

Available Places

25

Target Audience and Entry Requirements

3 ème année de licence de Mathématiques ou écoles d'ingénieurs

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

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).

Recommendation letters.

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
Probabilités et Modèle linéaire	11	Semestre 1	37.5	49.5					
Charger le détail									
Processus Stochastiques et Séries Temporelles	9	Semestre 2	37.5	37.5					
Charger le détail									
Analyse	7	Semestre 1	28.5	28.5					
Charger le détail									
EDPs	6	Semestre 2	24	24					

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class	distance learning
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Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class	distance learning
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Stage	12	Semestre 2	12						
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[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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Introduction à l'apprentissage statistique	3	Semestre 1	12	12					
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Introduction à mathématiques financières	3	Semestre 1	24						
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Informatique	6	Annualisé		63					
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Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class	distance learning
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Options à choix

Option : Apprentissage statistique avancé	3	Annualisé	12	12					
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Option : Mathématiques Financières avancées	3	Annualisé	12	12					
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Option: Libre	3	Annualisé	12	12					
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Teaching Location(s)

EVRY

Contact

- **Zhenjie REN**

<http://www.universite-paris-saclay.fr/formation/master/mathematiques-et-applications/m1-mathematiques-et-interactions-site-evry>