Université Paris-Saclay

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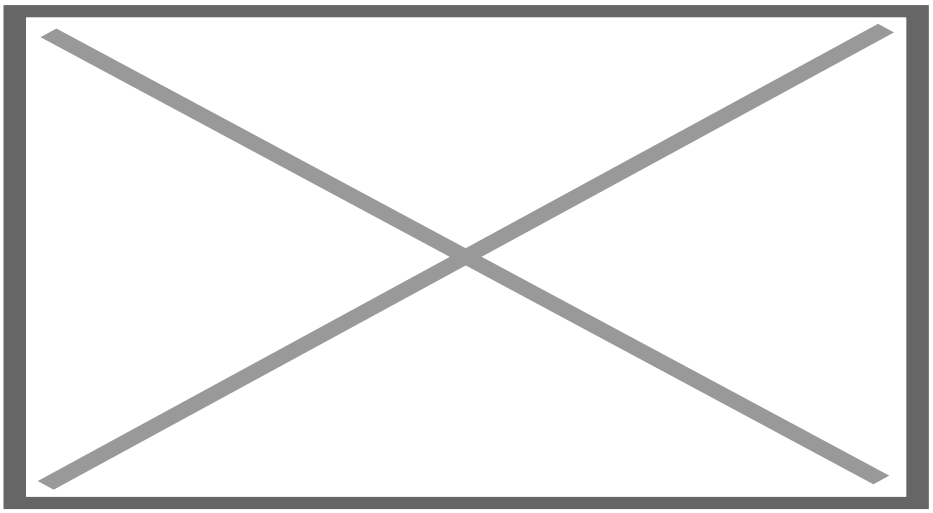
M2 Risk and Asset Management (GRA)

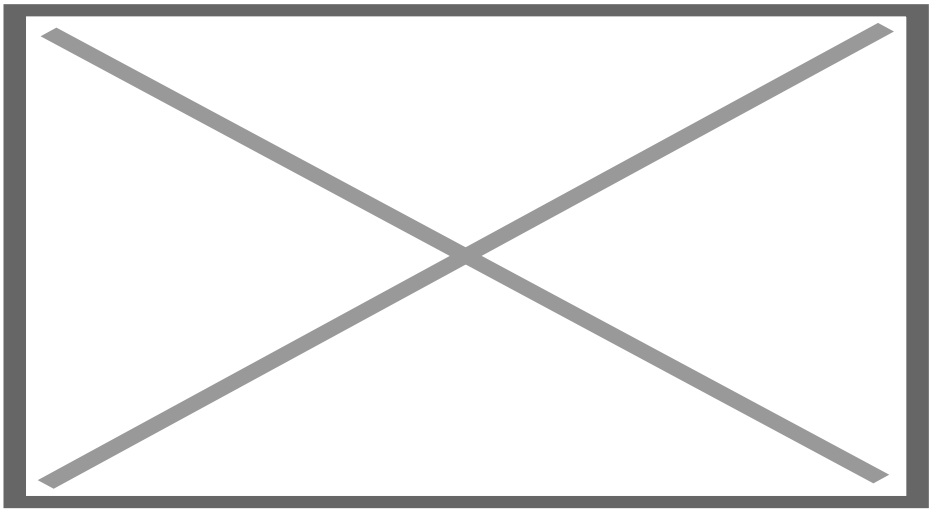
Master's degree
Specialisation Finance
Enrolment type
Formation initiale
Language(s) of instruction
English
French

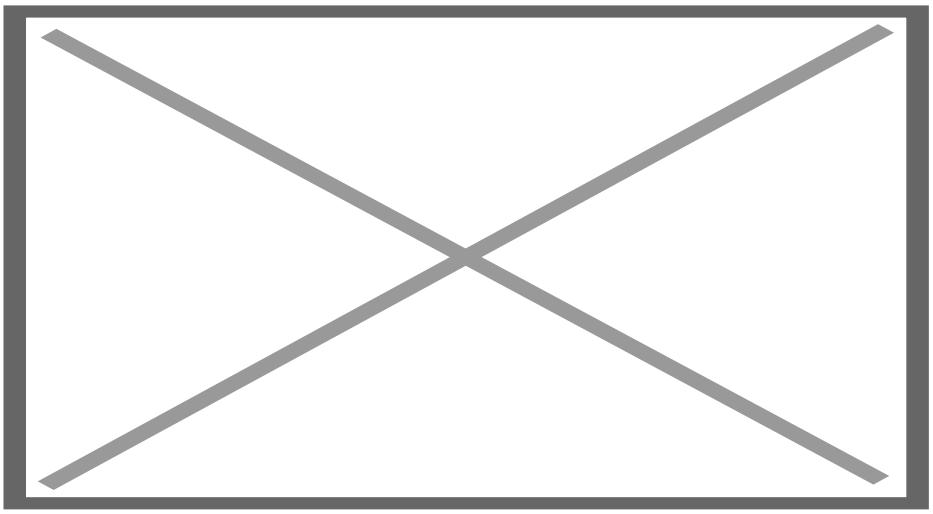
As part of the Finance Master program of the University of Paris-Saclay, this course enables students to master the fundamental concepts and techniques of risk and asset management. The Risk and Asset Management M2 course focuses on three fields: financial engineering, programming and quantitative techniques.

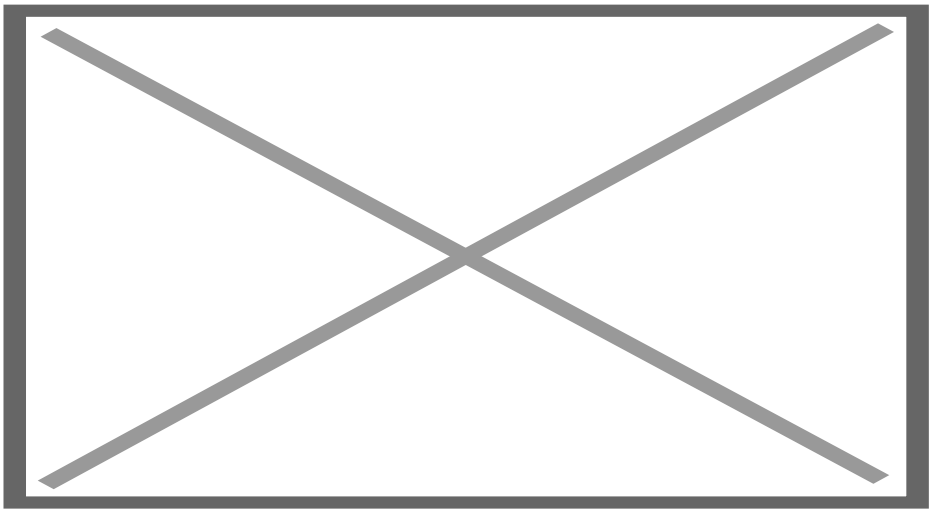
End-of-year internship (associated with a master thesis of the internship)

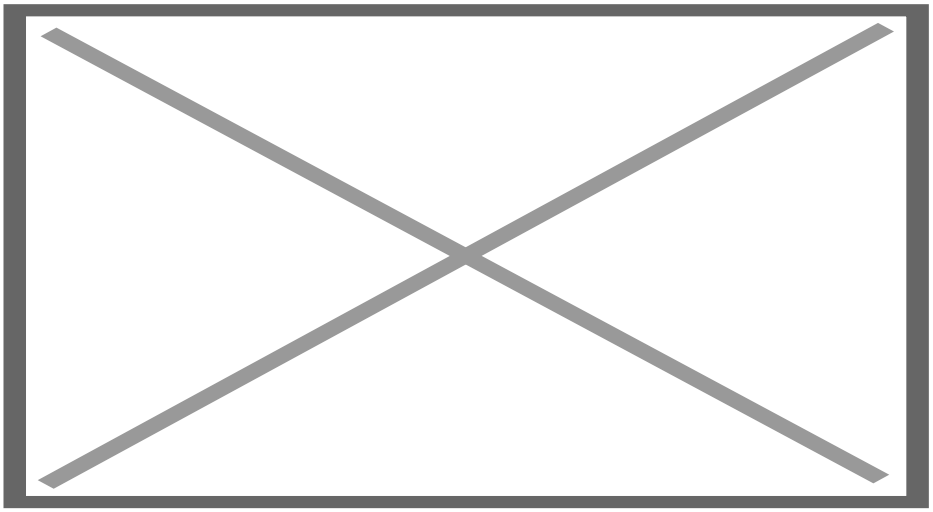
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Information

- Overview
- Application requirements
- Schedule

Présentation

Objectives

As part of the Master of Finance program at the Graduate School of Economics & Management, Université Paris-Saclay, this course allows students to master the fundamental concepts and techniques of risk and asset management. The M2 Risk and Asset Management course focuses on three themes: financial engineering, programming and quantitative techniques. The course provides students with the operational skills and expertise required for high-level positions in banking, insurance and asset management. The course balances theoretical knowledge with operational skills, notably through appropriate instruction in computer science (VBA, R, Python, etc.) and quantitative methods used in risk and asset management.

Admission

Admission Route

Economics
Management
Mathematics

Capacity

Available Places

25

Target Audience and Entry Requirements

Knowledge (BA+M1) of economics, management and mathematics.
English minimum level B2, French minimum level B1.

Période(s) de candidature

Inception Platform

From 15/05/2026 to 15/06/2026

Supporting documents

Compulsory supporting documents

Copy diplomas.

Copy of identity document.

Motivation letter.

TOEIC.

or an equivalent test result.

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

All past grades should appear for each year of study

Certificate of English level.

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

Curriculum Vitae.

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

Description of courses during the last 2 years

Additional supporting documents

TOEFL.

Certificate of English level (compulsory for non-English speakers).

VAP file (obligatory for all persons requesting a valuation of the assets to enter the diploma).

Document indicating the list of local M2 choices available here : https://urlz.fr/i3Lo.

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	distan learni cour
Mémoire Gestion des risques et des actifs	15	Annualisé							
Charger le détail									

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class	dis le c
Life and non-life insurance. Associated financial products	3	Semestre 1	36						
Charger le détail									
Méthodes d'évaluation des actions	2	Semestre 1	12						
Charger le détail									
Statistical and Numerical Method in Python	2	Semestre 1	18						
Charger le détail									
Risk Management	4	Semestre 1	36	15					

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class	di le c
Charger le détail									
Gestion des actifs	3	Semestre 1	24						
Charger le détail									
Fixed Income Securities	2	Annualisé	14	6.5					
Charger le détail									

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class	di le c
Anglais financier	2	Semestre 1	12	12					
Charger le détail									
Calcul stochastique	3	Semestre 1	21	0					
Charger le détail									
Financial Econometrics	3	Semestre 1	21						
Charger le détail									
Macro-Financial Dynamics	3	Semestre 1	24						
Charger le détail									

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class	distan learni cours
Asset Pricing	2	Semestre 2	12						
Charger le détail									
Systemic Risk	3	Semestre 2	24						
Charger le détail									
Anglais TOIEC	2	Semestre 2	12	12					
Charger le détail									

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class	dis lea c
Blockchain and Tokenization	2	Semestre 2	18						
Charger le détail									
Interest Rate Modeling, Structured Products and Portfolio Strategies	3	Semestre 2	47	0					
Charger le détail									
Machine Learning in Python	3	Semestre 2	42						
Charger le détail									
Portfolio Management	3	Semestre 2	18						
Charger le détail									
Sustainable Finance and Advanced Asset Management	3	Semestre 2	24						
Charger le détail									

Teaching Location(s)

EVRY

Contact

- **Jérôme HÉRICOURT**

http://www.universite-paris-saclay.fr/formation/master/finance/m2-gestion-des-risques-et-des-actifs-gra