Université Paris-Saclay

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M1 Informatique décisionnelle Apprentissage

Master's degree

Specialisation Computer Science Applied to Business Management

Enrolment type

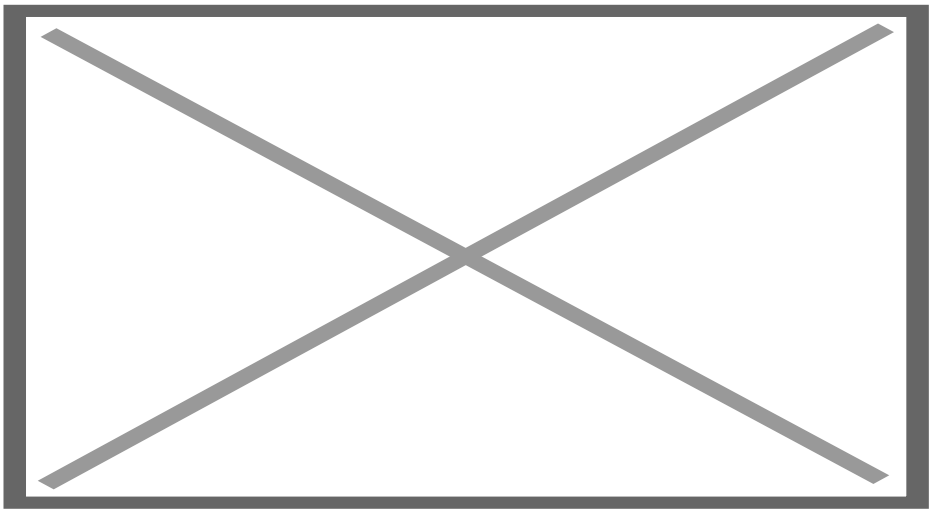
Formation en apprentissage

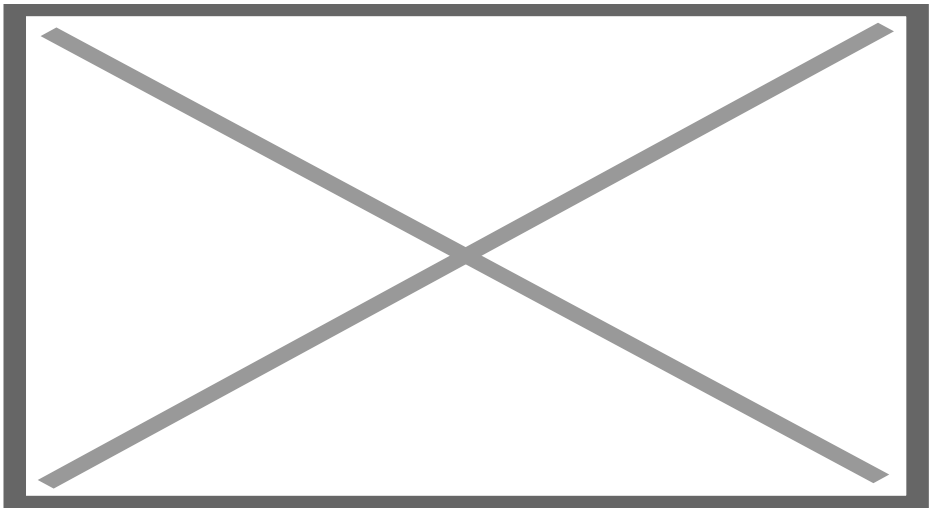
Language(s) of instruction

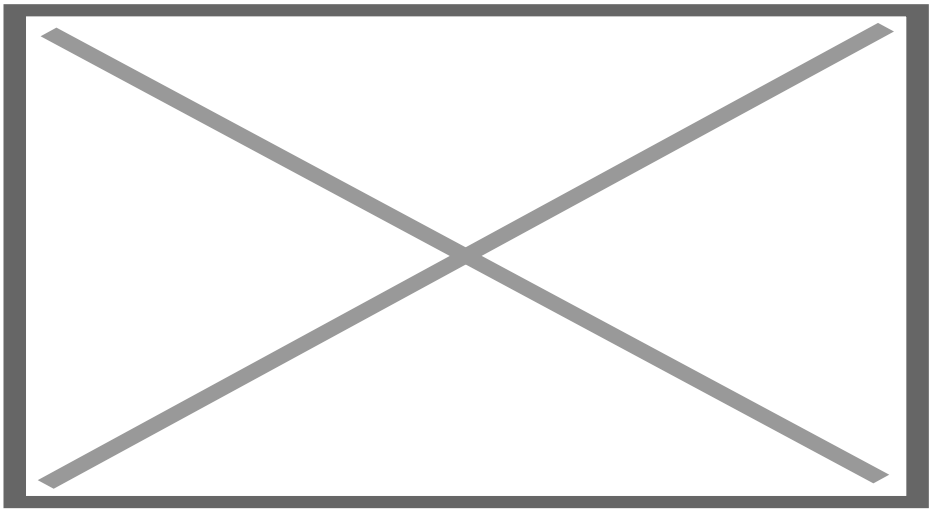
French

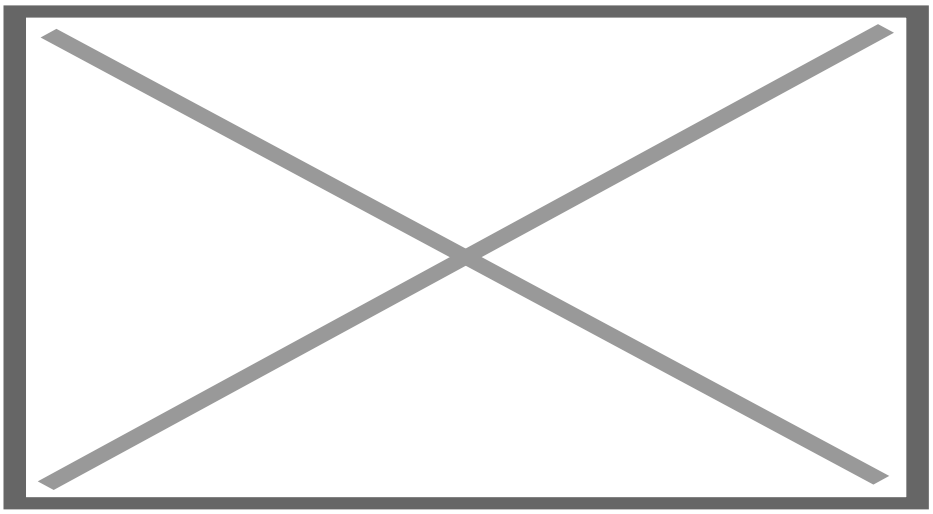
Télécharger la fiche détaillée

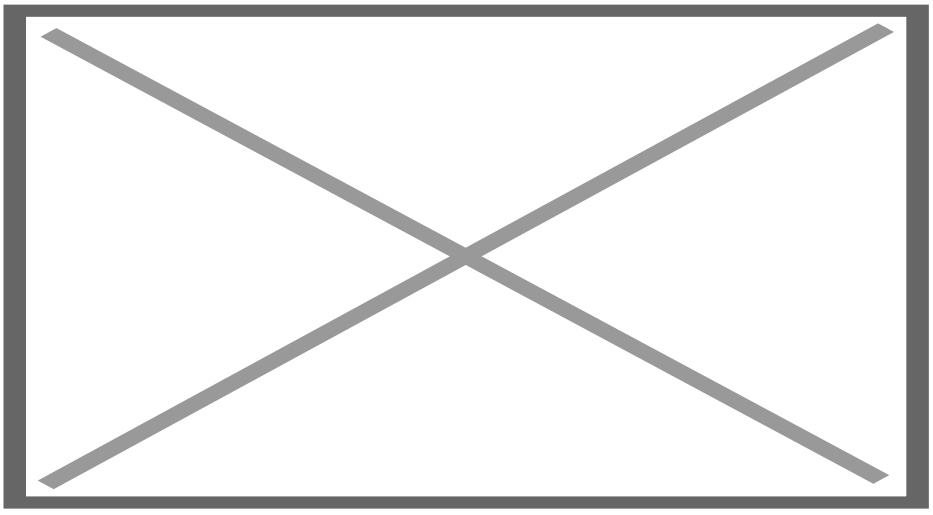
Apply Now











Information

- Overview
- Application requirements
- Schedule

Présentation

Objectives

This program is professionally oriented. Its objective is to provide students with dual expertise in Computer Science and Management. It enables them to position themselves as designers, advisors, or decision-makers in the use of New Information Technologies, serving as key intermediaries between the worlds of Management and Computer Science. To this end, throughout the entire curriculum, students receive simultaneous instruction in Computer Science, Management, and subjects at the intersection of these two fields. They also benefit from cross-disciplinary training that provides them with an engineering-oriented background

Débouchés

Career prospects

Data Scientist
Data Manager
After a Master's degree: Data scientist
After a Master’s degree: Artificial intelligence (AI) specialist
Back office manager
Project Manager
Assistant Product Manager

Admission

Admission Route

Computer Science
Mathematics and computer science applied to human and social sciences

Capacity

Available Places

60

Target Audience and Entry Requirements

This program is intended for students holding:

- a Bachelor’s degree in Computer Science
- a Bachelor’s degree in Mathematics and Computer Science applied to the Humanities and Social Sciences

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

Motivation letter.

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

Curriculum Vitae.

Additional supporting documents

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

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

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
Bases de données avancées	5	Semestre 2	21	21				
Charger le détail								
Programmation avancée	2.5	Semestre 2	10.5	10.5				
Charger le détail								
Analyse de données 1	2.5	Semestre 1	10.5	10.5				
Charger le détail								
Recherche opérationnelle 1	2.5	Semestre 1	10.5	10.5				
Charger le détail								
Deep learning	2.5	Semestre 2	10.5	10.5				
Charger le détail								

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class
Développement des systèmes d'information décisionnels	5	Semestre 1	21	21				
Charger le détail								
Management des systèmes d'information	2.5	Semestre 1	10.5	10.5				
Charger le détail								
Gestion de projets informatiques	5	Semestre 2	21	21				
Charger le détail								
Sécurité des systèmes d'information	5	Semestre 2	21	21				

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

Charger le détail

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class
Ingénierie financière	2.5	Semestre 2	10.5	10.5				

Charger le détail

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class
Décision financière d'investissement	2.5	Semestre 1	10.5	10.5				

Charger le détail

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class
Pilotage de la performance	2.5	Semestre 1	10.5	10.5				

Charger le détail

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class
Management des coûts	2.5	Semestre 2	10.5	10.5				

Charger le détail

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class
Création d'entreprise	2.5	Semestre 2	10.5	10.5				

Charger le détail

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class
Stratégie d'entreprise	2.5	Semestre 1	10.5	10.5				

Charger le détail

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class	distan learn cour
TER	2.5	Semestre 2	10.5	10.5					

Charger le détail

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class	distan learn cour
Rapport d'activités	7.5	Semestre 2							

Charger le détail

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class	distan learn cour
anglais	2.5	Semestre 1		21					

Charger le détail

Teaching Location(s)

ORSAY

Contact

- **Aquilina AL KHOURY**

http://www.universite-paris-saclay.fr/formation/master/methodes-informatiques-appliquees-la-gestion-des-entreprises-miage/m1-informatique-decisionnelle-apprentissage