Université Paris-Saclay
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L1 Portail Mathématiques, Informatique (MI)

Licence (Undergraduate programme)
Specialisations Informatique | Mathématiques
Enrolment type
Formation initiale
Formation continue
Language(s) of instruction
French
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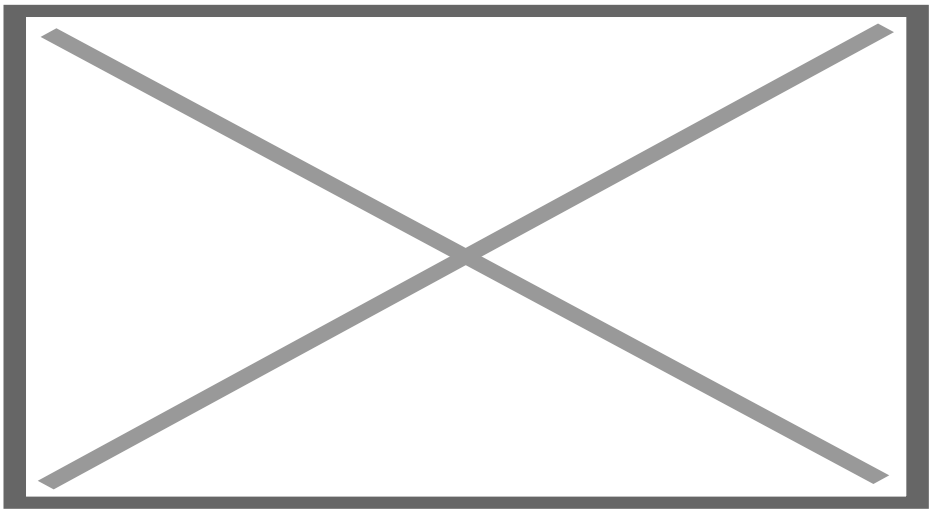

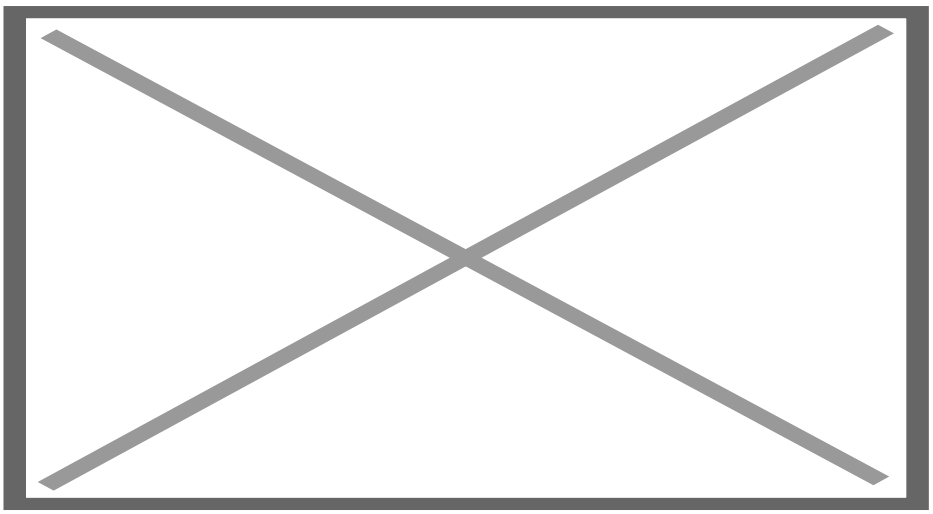

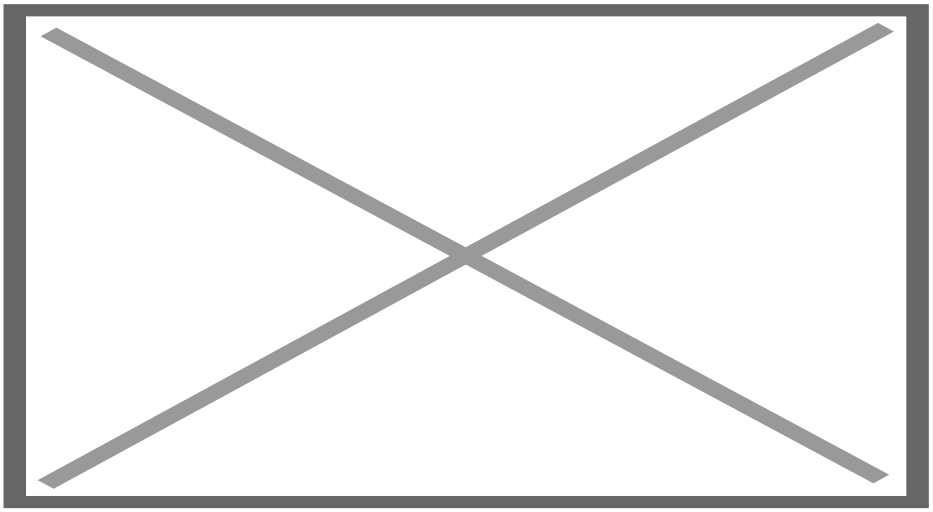

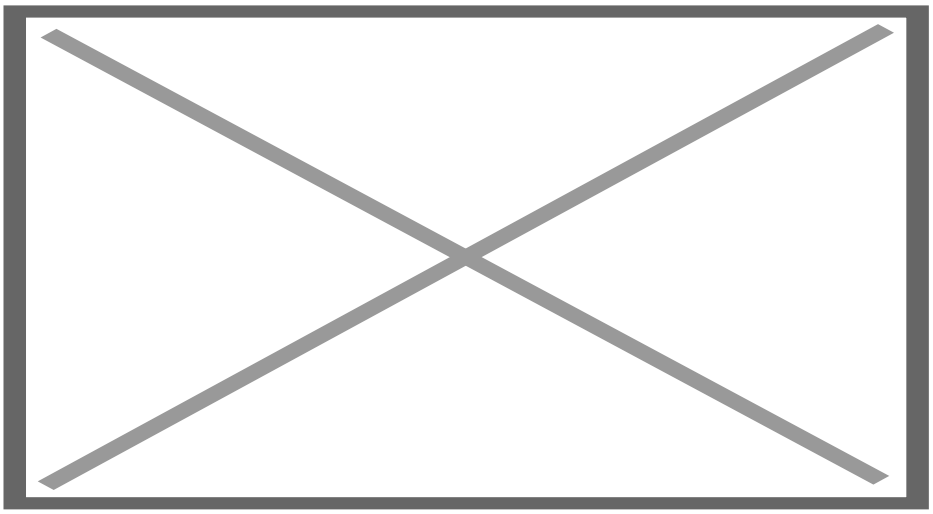

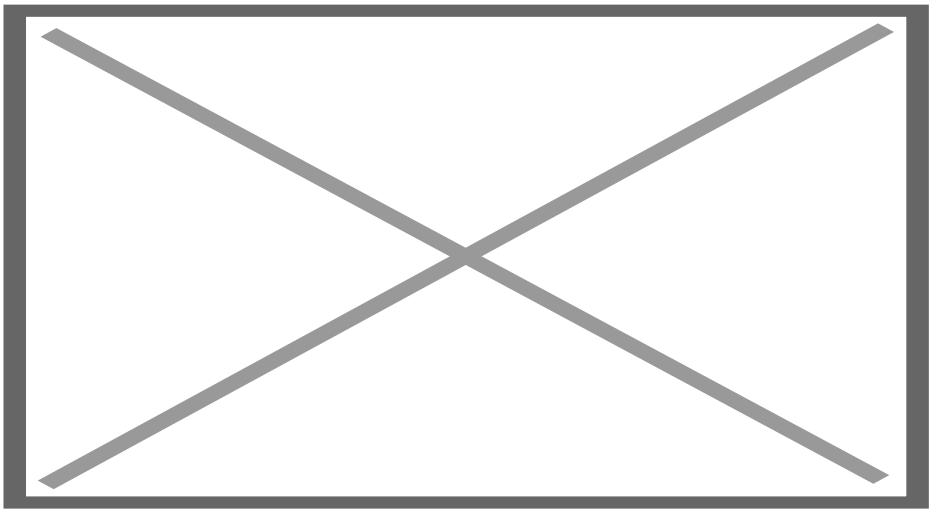

Information

- Overview
- Application requirements
- Schedule

Présentation

Débouchés

Further Study Opportunities

Master of Education and Teaching Professions
Master in Mathematics
Engineering school
Master of Teaching Professions

Admission

Capacity

Available Places

90

Période(s) de candidature

ParcourSup Platform

From January 19th to March 12th, 2026

Programme

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class	
Introduction à l'informatique	5.5	Semestre 1	18		24				
Charger le détail									
Introduction à la programmation	6	Semestre 1	15	14	22				
Charger le détail									
Maths 1 - Calculus	6	Semestre 1	24	36					
Charger le détail									
Maths 2 - Algèbre et géométrie	5	Semestre 1	18	24					

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
Algorithmique 1	6	Semestre 2	18	24				

Charger le détail

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class
Maths 3 - Analyse 1	6	Semestre 2	24	36				

Charger le détail

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class
Maths 4 - Algèbre linéaire 1	5.5	Semestre 2	24	36				

Charger le détail

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class
Programmation modulaire	5.5	Semestre 2	18		24			

Charger le détail

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class
Parcours MI								
1 UE au choix au S1 (2,5 ects)								
A la découverte de l'intelligence artificielle	2.5	Semestre 1			24			

Charger le détail

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class
Francais : expression écrite et orale - S1	2.5	Semestre 1		24				

Charger le détail

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class
Introduction à l'informatique graphique	2.5	Semestre 1	6		15			

Charger le détail

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class
Lang - LV2b - S1	2.5	Semestre 1		25				

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class
Charger le détail								
Soutien maths S1	2.5	Semestre 1		24				
Charger le détail								
UE libre Catalogue S1	2.5	Semestre 1						
Charger le détail								
1 UE au choix au S2 (1,5 ects)								
Soutien maths S2	1.5	Semestre 2		24				
Charger le détail								
SPOC "Société de l'information et médias numériques"	1.5	Semestre 2						
Charger le détail								
1 UE obligatoire								
Introduction à l'apprentissage automatique	4	Semestre 2	9		18			
Charger le détail								
Parcours MI - option Physique								
UE obligatoires								
SPOC "Société de l'information et médias numériques"	1.5	Semestre 2						
Charger le détail								
Physique générale I	6.5	Semestre 1	36	36				
Charger le détail								
UE obligatoires à tous les parcours								
1 UE libre (0 ECTS)								
UE libre (0 ECTS)	0	Semestre 1						
Charger le détail								

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class
Anglais - FSO - L1 S2 - 2 ECTS - 1 UE parmi 6								
Anglais - FSO - L1 S2 - 2 ECTS Charger le détail	2	Semestre 2	18					
Theater workshop - FSO - S2 - 2 ECTS Charger le détail	2	Semestre 2	24					
Reading and creative writing workshop - FSO - S2 - 2 ECTS Charger le détail	2	Semestre 2	24					
Intercultural communication EUGLOH project - FSO - S2 - 2 ECTS Charger le détail	2	Semestre 2	24					
Writing workshop - FSO - S2 - 2 ECTS Charger le détail	2	Semestre 2	24					
Debate club - FSO - S2 - 2 ECTS Charger le détail	2	Semestre 2	30					
UE obligatoires hors anglais								
SPOC Sens critique : Sciences en sociétés Charger le détail	1	Semestre 2						
PPEI - Entreprise 360 - 1ère partie	1.5	Semestre 1						

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class
Charger le détail								
PPEI - S'approprier son Projet Professionnel	2	Semestre 1	1.5	11.5				
Charger le détail								
Remédiation maths	0	Semestre 1		24				
Charger le détail								

Teaching Location(s)

BURES SUR YVETTE
ORSAY

Training campus

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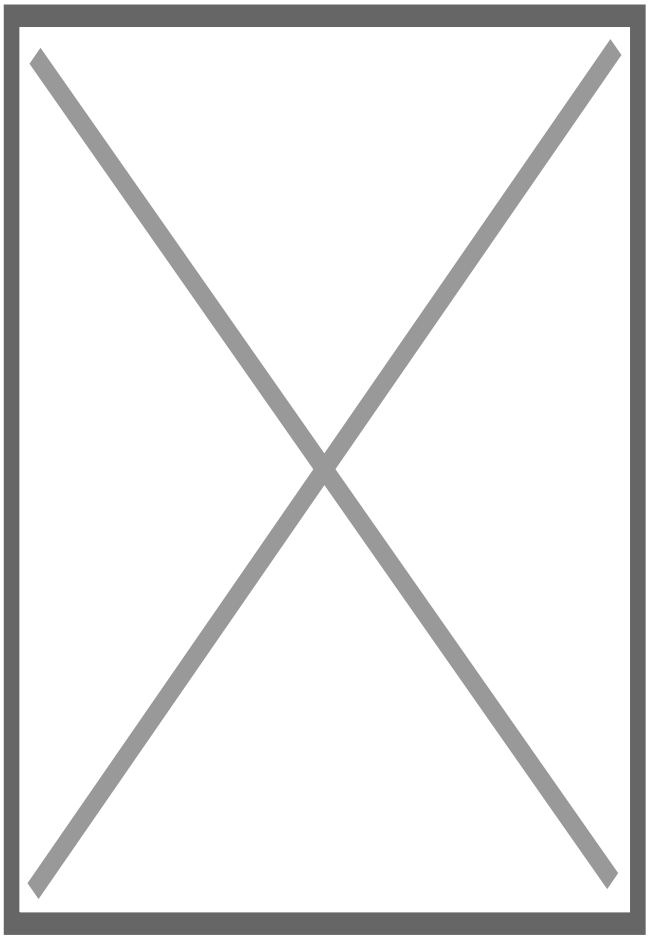

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Contact

- **Nicolas Thiery**
- **Filipa CAETANO**
- **Franck BENOIST**

http://www.polytech.universite-paris-saclay.fr/formation/licence/informatique/l1-portail-mathematiques-informatique-mi