

Université Paris-Saclay

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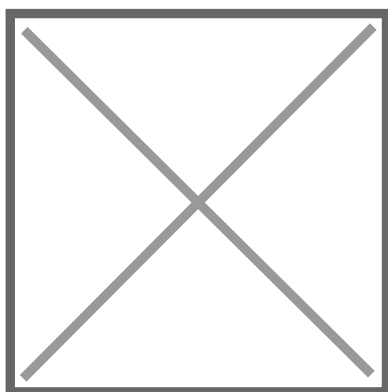
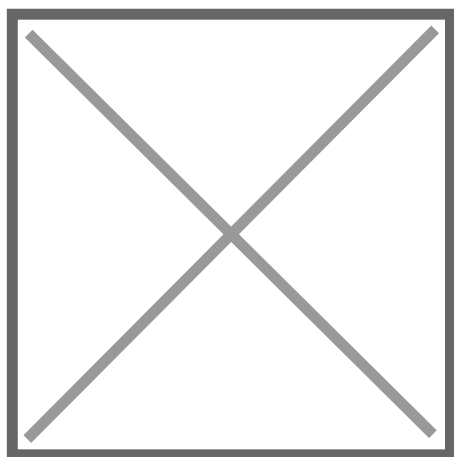
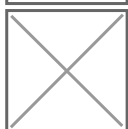
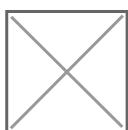
Envoyer

Une erreur est survenue. Merci de réessayer ultérieurement

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Add to Compare

M1 Parisian Research Master in Computer Science (MPRI)



Master's degree

Specialisation Computer Science

Enrolment type

Full-time academic programmes

Language(s) of instruction

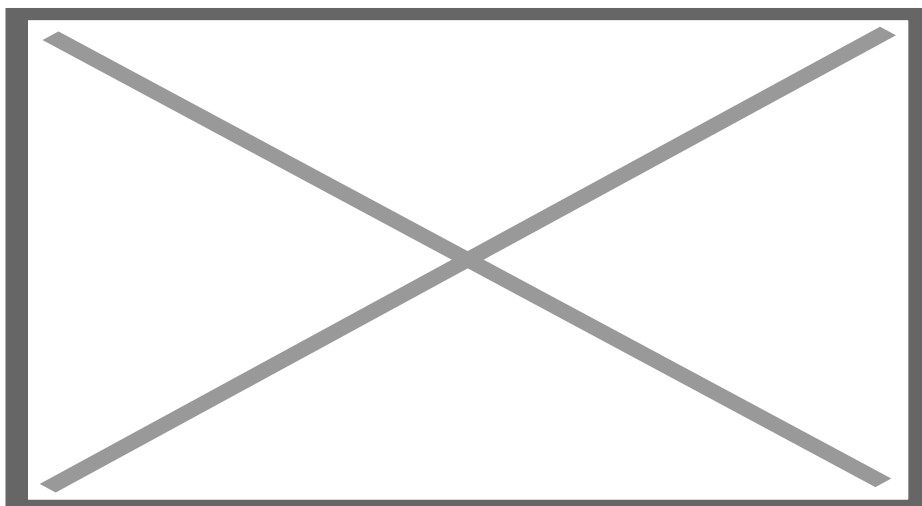
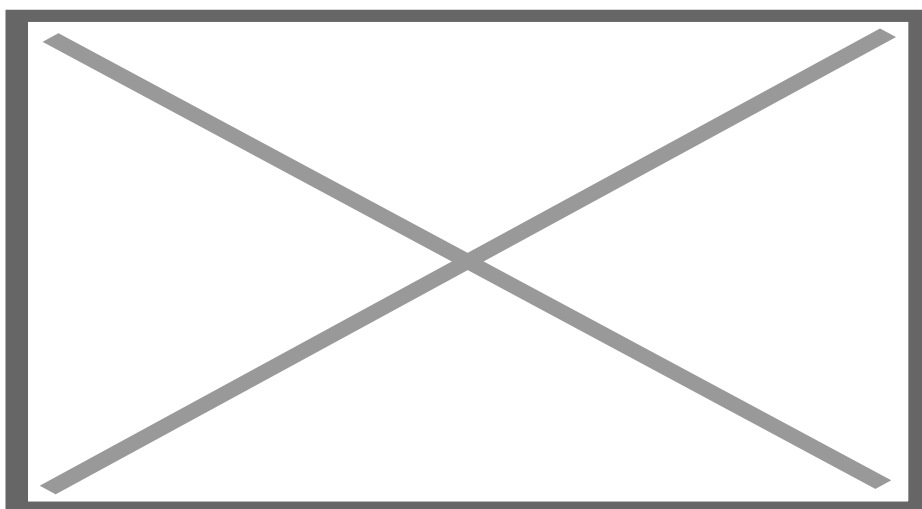
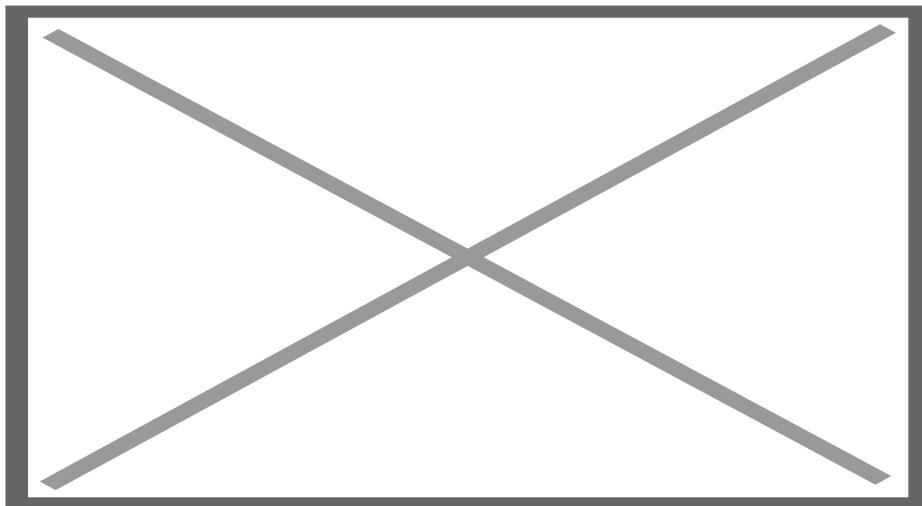
English French

M1 Master Parisien de Recherche en Informatique trains **future researchers in theoretical computer science**, mainly for academia but also for corporate environments. It offers an excellent preparation to M2 MPRI and to a PhD in computer science. Nevertheless, students from ENS Paris-Saclay routinely tune their curriculum and choose a different speciality for their second year of Master.

The year is divided into three teaching blocks (each 7 weeks), and a research internship abroad (4 months) between april and august.

[Télécharger la fiche détaillée](#)

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Information

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

Présentation

Skills

- Develop a research activity in fundamental computer science.
- Exhibit work to a scientific audience.

Objectives

This programme prepares students for a doctorate in computer science theory, and more generally for a research career. It offers an excellent preparation to [M2 MPRI](#).

The year's objective is to perfect fundamental skills and discover their various applications in Computer Science theory. It culminates in a long research internship.

The main fields covered are: algorithmics; computability and complexity; automata theory; combinatorial and effective algebra; logic, interactive and automatic demonstration; semantics of programming languages; analysis and verification of systems and programmes; cryptology and security.

The programme is taught by researchers in the field and stands at the cutting age of current scientific knowledge. It prepares students optimally for a PhD.

Débouchés

Career prospects

After a Master's + PhD: researcher or lecturer

After a Master's or Master's + PhD: engineer (R&D, control, production, etc.)

Further Study Opportunities

Doctorat

Calendar

Start of programme (indicative date)

31/08/2026

End of programme (indicative date)

28/09/2027

Admission

Admission Route

Computer Science

Capacity

Available Places

Target Audience and Entry Requirements

We look for excellent grades in theoretical/mathematical aspects of Computer Science (algorithmics, computability, automata, logics, functional programming, discrete mathematics, graphs etc.). No English-language level certificate is asked for. If your application is selected, you will have an interview during which your ability to do Science in English will be assessed.

Période(s) de candidature

Inception Platform

From 25/02/2026 to 25/04/2026

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.

Additional supporting documents

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

only needed in case you have officially validated your prior professional experience to count as equivalent to a university degree

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

Initiation to research

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class	distance learning
Initiation à la recherche	3	Annualisé	15	15					
■									

Initiation à la recherche

ECTS : 3

Semester: Annualisé

Detail

Lecture: 15

Directed study: 15

Language(s) of instruction

Anglais

Remote teaching

non

Type of assessment

Détail renseigné au niveau Élément

Constitutif

Foundations of Computer Science

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class	distance learning
Informatique fondamentale	21	Annualisé	105	105					
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Informatique fondamentale

ECTS : 21

Semester: Annualisé

Detail

Lecture: 105

Directed study: 105

Language(s) of instruction

Anglais

Remote teaching

non

Type of assessment

Détail renseigné au niveau Élément Constitutif

Core topics in Computer Science

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class	distance learning
Informatique Générale	9	Annualisé	45	45					

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class	distance learning
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Informatique Générale

ECTS : 9

Semester: Annualisé

Detail

Lecture: 45

Directed study: 45

Language(s) of instruction

Anglais

Remote teaching

non

Type of assessment

Détail renseigné au niveau Élément Constitutif

Elective courses

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class	distance learning
Ouverture	6	Annualisé	30	30					

Ouverture

ECTS : 6

Semester: Annualisé

Detail

Lecture: 30

Directed study: 30

Language(s) of instruction

Anglais

Remote teaching

non

Type of assessment

Détail renseigné au niveau Élément Constitutif

Internship

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class	distance learning
Stage	21	Annualisé							

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

ECTS : 21

Semester: Annualisé

Language(s) of instruction

Anglais

Remote teaching

non

Type of assessment

Détail renseigné au niveau Élément

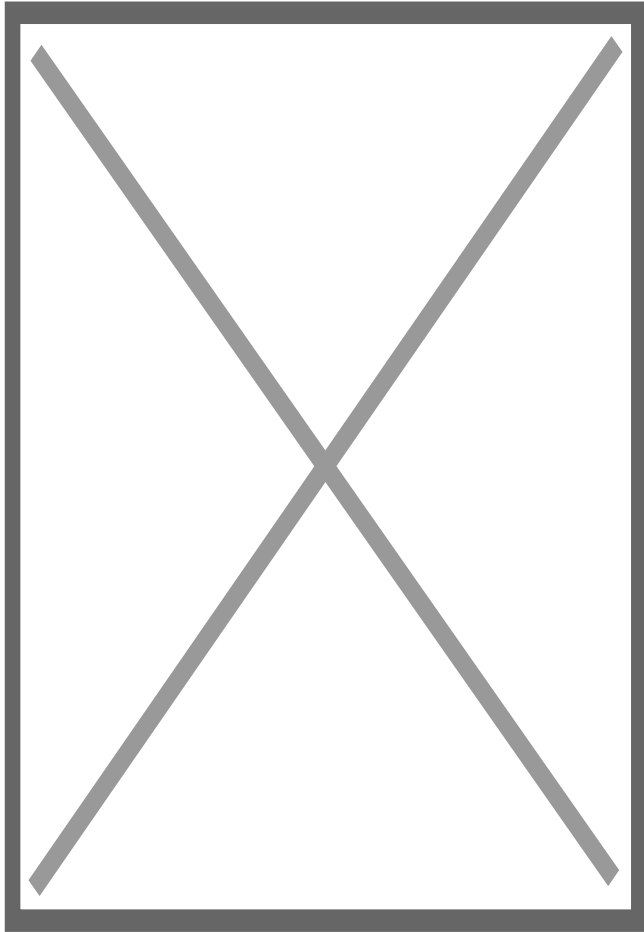
Constitutif

Teaching Location(s)

GIF SUR YVETTE

Training campus

Javascript est requis pour visualiser cette carte.



Saclay Moulon

Saclay / Gif-sur-Yvette / Orsay

Bus 4606 / 4609 / 4611 / 5154

RER B Le guichet

[Voir](#)

Student restaurant (CROUS)

Library

Sports facilities

Student residence

Contact

-

Guillaume SCERRI

Responsable de formation

<http://www.universite-paris-saclay.fr/formation/master/informatique/m1-master-parisien-de-recherche-en-informatique-mpri>