Université Paris-Saclay

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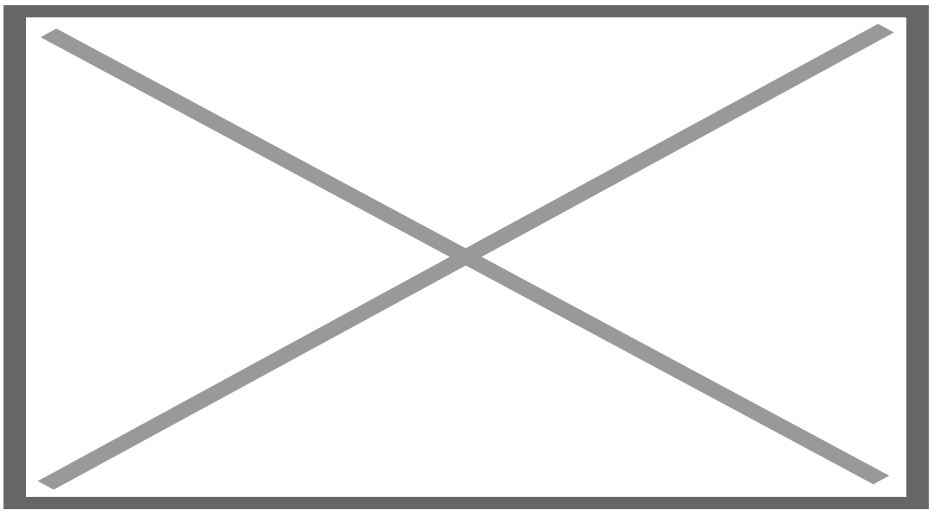
M1 Parisian Research Master in Computer Science (MPRI)

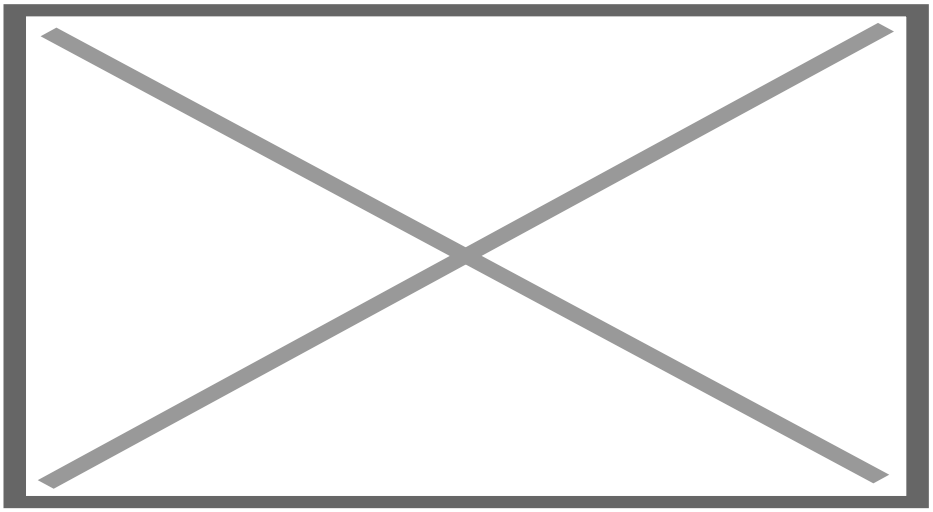
Master's degree
Specialisation Computer Science
Enrolment type
Formation initiale
Language(s) of instruction
English
French

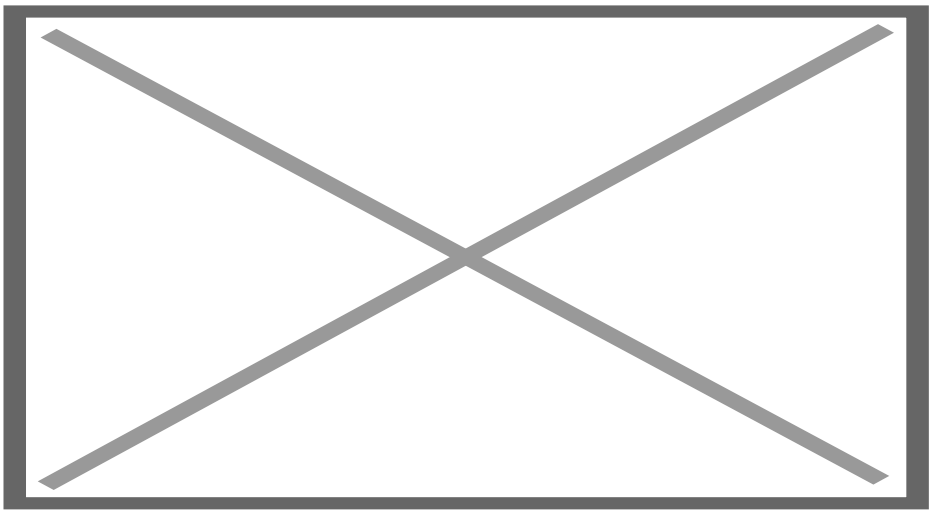
M1 Master Parisien de Recherche en Informatique trains **future researchers in theoretical computer science**, mainly for academia but also for corporate environments. It offers an excellent preparation to M2 MPRI and to a PhD in computer science. Nevertheless, students from ENS Paris-Saclay routinely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

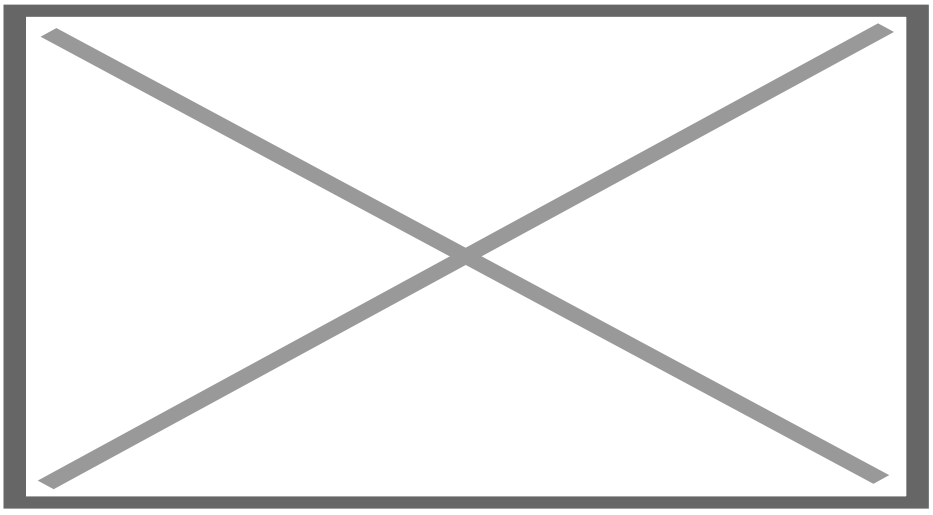
The year is divided into three teaching blocks (each 7 weeks), and a research internship abroad (4 months) between april and august.

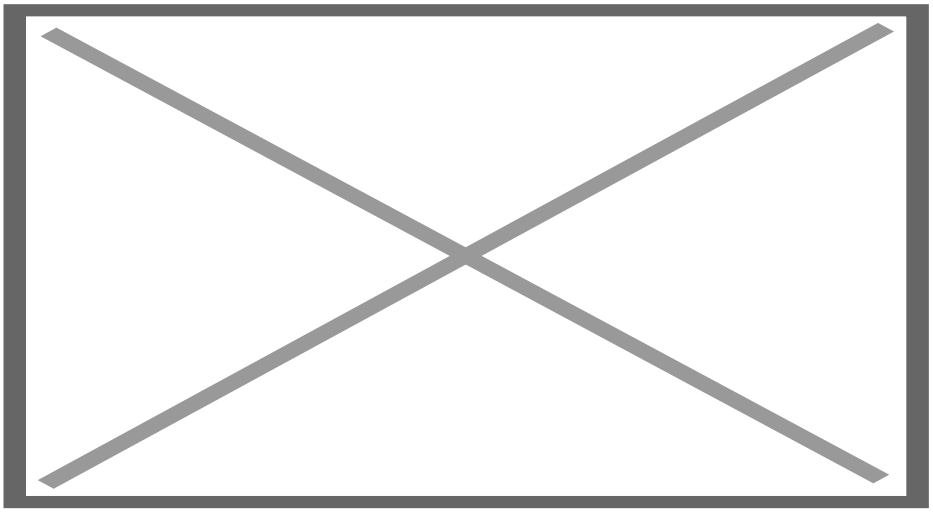
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Information

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

Further Study Opportunities

PhD

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

30

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

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class	dista learr cou
Initiation to research	3	Annualized	15	15					

Charger le détail

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class	di le
Foundations of Computer Science	21	Annualized	105	105					

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

Charger le détail

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class	dist lear cou
Core topics in Computer Science	9	Annualized	45	45					

Charger le détail

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class	dista learn cou
Elective courses	6	Annualized	30	30					

Charger le détail

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class	dist lear co
Internship	21	Annualized							

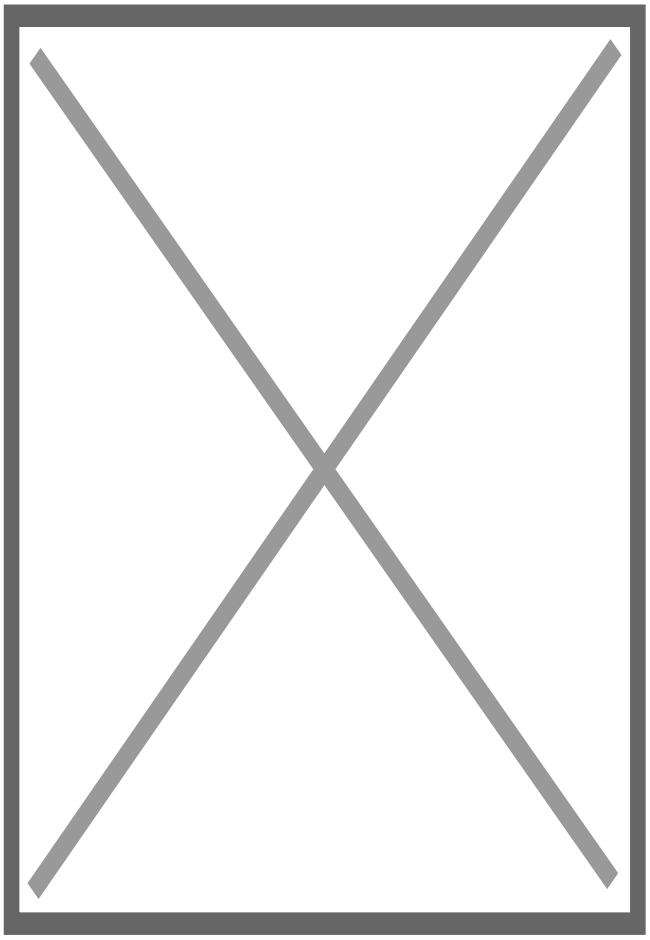
Charger le détail

Teaching Location(s)

GIF SUR YVETTE

Training campus

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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