



Computer Science

General information:

- Master's degree: 2 years - 120 ECTS
- PhD track (Master's + PhD): 5 years - 300 ECTS
- Start date: September
- Language: English
- Location: Palaiseau and Evry

Computer Science

The Computer Science program is designed for students interested in **algorithms, artificial intelligence, cybersecurity, human-computer interaction, networks, and systems**. This selective program draws on IP Paris's cutting-edge research laboratories and world-class researchers. This program has a strong focus on research. The first year provides a solid foundation in key areas, while the second year offers the opportunity to specialize in one of several majors.

For students aiming to pursue a PhD after their master's degree, the program is affiliated with two PhD track programs for early research immersion: one in **Computer Science** and another in **Data & Artificial Intelligence**. These PhD track programs offer excellence scholarships and registration fee waivers.

Objectives

This program aims to enable students to:

- Master fundamental knowledge and tools in computer science before specialization;
- Master recent advanced research in various related domains;
- Apply scientific knowledge and concepts in original and personal research projects.

Specializations

Cybersecurity, Cyberphysical Systems, and Networks

Majors:

- CPS - Cyber Physical Systems
- CSN - Computer Science for Networks
- Cyber - Cybersecurity

Data, Artificial Intelligence, Interaction, and Graphics

Majors

- DataAI - Data and Artificial Intelligence
- IGD - Interaction, Graphic and Design

Foundations of computer science, Operations research, Distributed computing, and Quantum computing

Majors:

- MPRI - Foundations of Computer Science
- MPRO - Operation Research
- PDS - Parallel and Distributed Systems
- QMI - Quantum, Mathematics, Computer Science

Career opportunities

After completing the second year of the Master's program, graduates will be prepared for diverse **careers in academic or industrial research laboratories**, or directly in advanced applied domains such as cybersecurity, cloud computing, robotics, and artificial intelligence.

Global admission requirements

Academic prerequisites

Bachelor of Science in Computer Science, Engineering or Mathematics.

Language prerequisites

English (B2)

How to apply

Applications can be submitted exclusively online. You will need to provide the following documents:

- Transcripts;
- CV/resume;
- Statement of purpose;
- Two academic references (added online directly by your referees).

For more information about admissions, visit:

ip-paris.fr/en/education/admissions

IP Paris key figures

11,200	2,250	95%
Students	Faculty Members	Employability Rate
2,400	51%	45
Graduate School Students	Graduate School International Students	Research Laboratories