le cnam

Conservatoire national desarts et métiers

INTERNATIONAL MASTER'S DEGREE

Boost your career with Cnam's Master's degree in Computer Networks and IoT Systems!

This new advanced degree equips students with the in-depth, modern instructions and skills needed in a future career. It enables you to become experts in digital infrastructure technologies, ranging from network and cloud infrastructure solutions to edge computing and IoT systems and applications.

Open since October 2021, our Master's degree in Computer Networks and IoT Systems is an advanced program that goes beyond the technology knowledge and skills learned at a Bachelor's program or at a "Licence" level of LMD system. This program allows students to demonstrate your mastery in the very specific area of network virtualization, Internet of Things (IoT) protocols and architectures, IoT device design, artificial intelligence and machine learning, Software-Defined-Networking, Cloud Networking, 5G and beyond-5G architectures.

A high-demand Master's program in the areas of computer systems and IoT networks

With this Master's degree, students will acquire the knowledge and skills needed to launch a career in the exiting field of Computer Networks and IoT Systems! In addition to learning the concepts and theories behind networking, you will master practical skills in areas such as:

- network architectures and operating systems;
- advanced technologies related to the design IoT computing systems, protocols and applications;
- novel network architectures emerging with network virtualization (NFV), edge computing (MEC) and softwarization (SDN, SD-x);
- modeling and performance evaluation of networks and computing systems, including 5G and beyond 5G systems;
- ntegration of artificial intelligence and novel decision-making frameworks for the operations and automation of communication networks and IoT Systems.

The full Master program is available on this page

Take advantage of the strengths of this Master's program

✓ Courses are held in downtown Paris, in the Marais district, an international and stimulating multicultural environment.

DIPLÔME NATIONAL DE MASTER CONTRÔLÉ

The faculty includes world-renowned academics and industry experts active in the technical areas of the master's degree on international, European and national collaborative and industrial research projects, standardization and open-source organizations (ONF, IETF, ETSI).

The program has a partnership with the Master of Computer Science of Sorbonne University. Students will spend one day per week for joint classes at Sorbonne University, Pierre and Marie Curie campus, 20 minutes from the Cnam.

Double degree agreements have been signed with the top-ranked polytechnic universities in Italy and Vietnam.

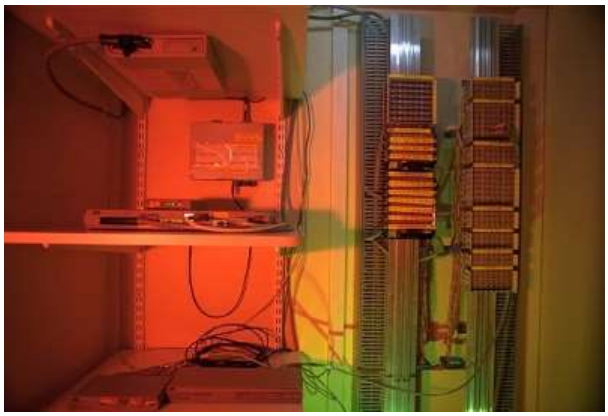
A master's degree that can open up more opportunities

With the Master's degree in Computer Networking and IoT Systems, students will be able to quickly obtain top positions in leading industries, large computer networking, IoT systems and telecommunications companies.

Your positions could be:

- Computer scientist
- Network engineer
- IoT engineer
- Computer systems engineer
- Internet engineer
- Network expert
- Embedded systems engineer
- Expert consultant in computer networks and systems

For full details about the Master's degree such as admission or application requirements please download the brochure or visit the web site dedicated to this program.



To know more details about the program

Download the brochure

Visit the web site dedicated to this program.

Check the calendar

Application: Until end of June 2022
Visa: Until end of July 2022
Arrival: Until end of September 2022
Start of classes: October 2022
End of classes: June 2023

Contact our Master Coordinator

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Do you know that the Cnam also proposes for foreign students in Paris

3 international Masters in Management

International Development,
Project Management
Digital Marketing

3 international Masters in Engineering Sciences

Telecom Networks
Structural Mechanics
Computer Science

For more information on each courses see, visit our web page dedicated to foreign students