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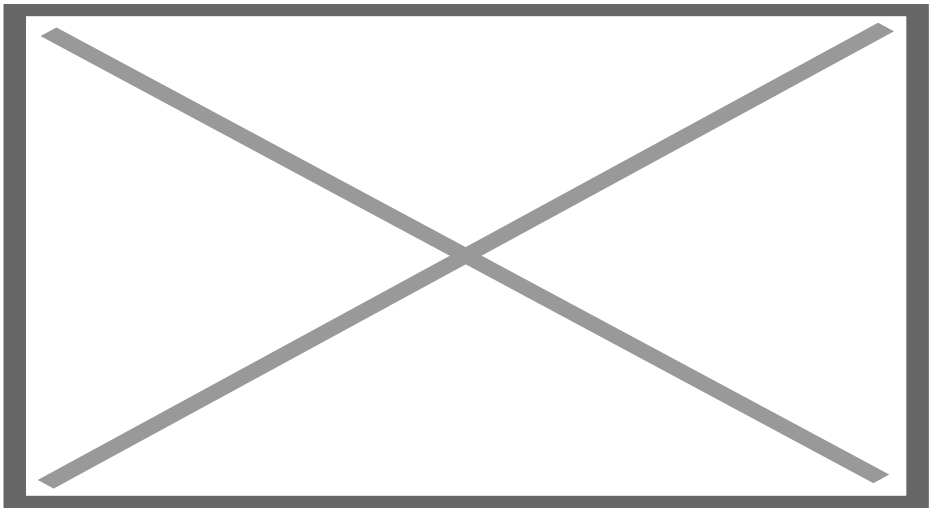
# M2 Réseaux et télécoms - Voie apprentissage

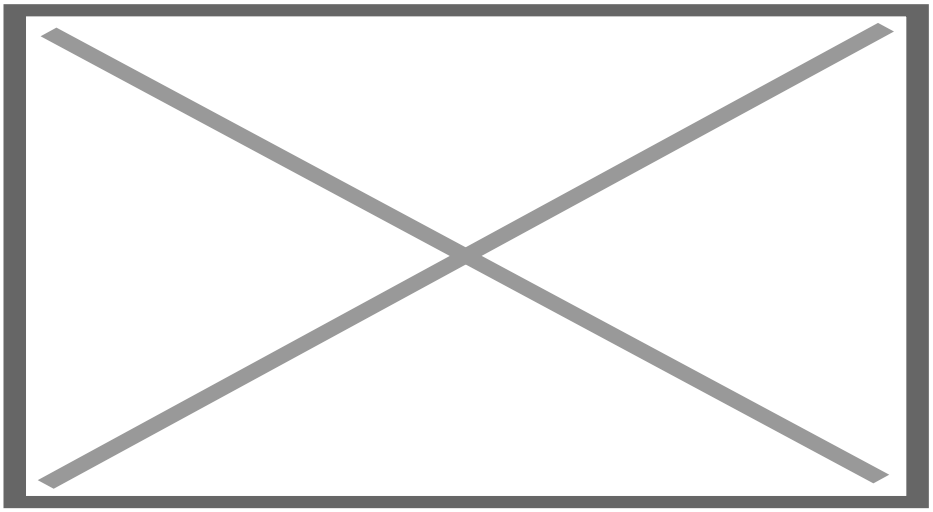
Master's degree
Specialisation Electrical Engineering
Enrolment type
Contrat de professionnalisation
Formation en apprentissage
Language(s) of instruction
French

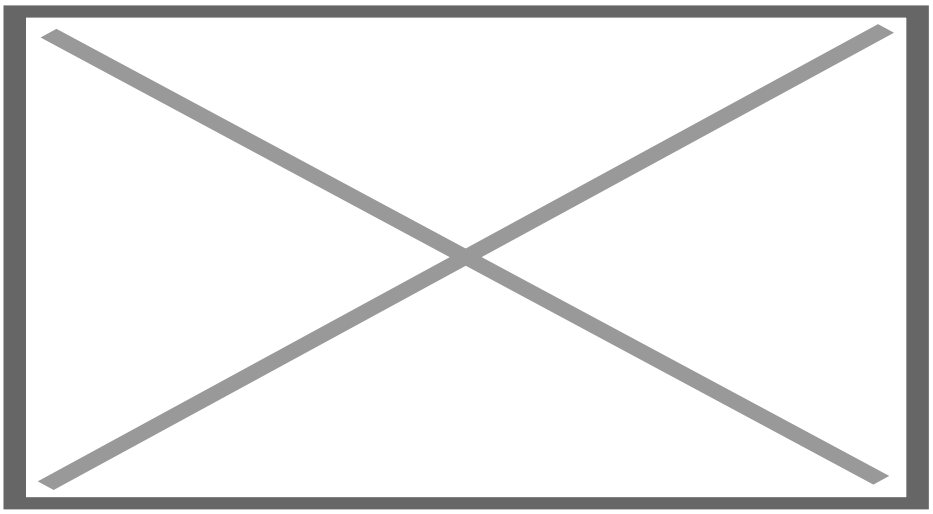
The Networks and Telecommunications apprenticeship program is designed to train specialists with dual expertise in these two disciplines. The program allows students to quickly put into practice the theoretical and applied concepts learned at university.

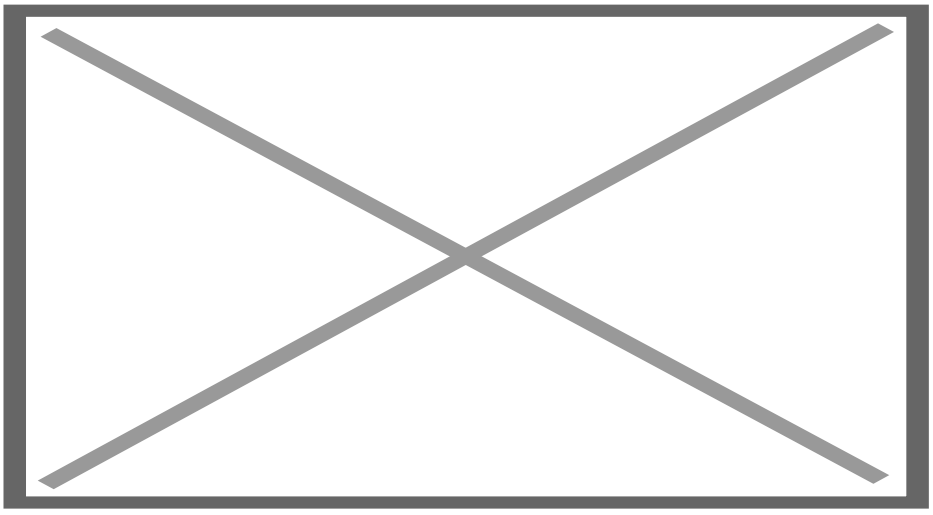
The pace of apprenticeship is 2.5 days at university and 2.5 days in a company, on average.

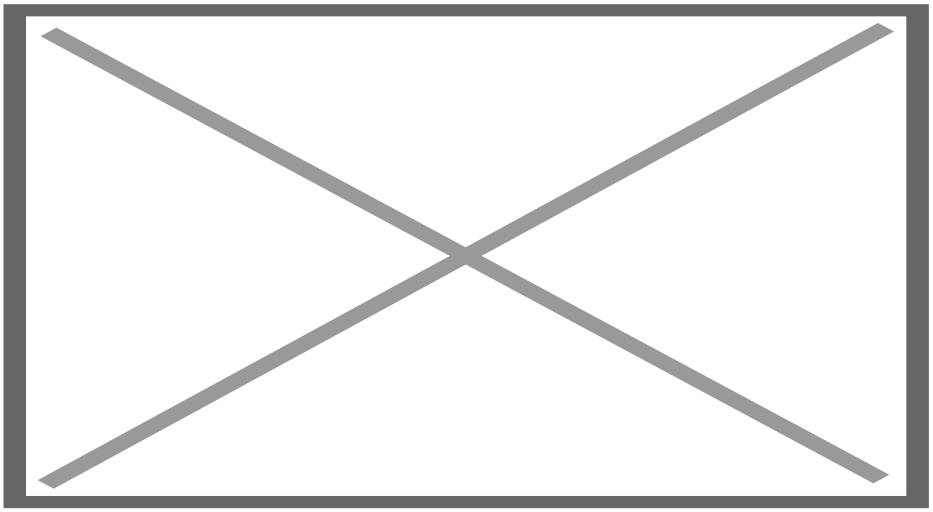
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# Information

- Overview
- Application requirements
- Schedule

Présentation

# Skills

- Identify and isolate the causes of a technical problem in the field of networks and telecommunications.
- Use theoretical and practical knowledge to solve a technical problem.
- Work in project mode with a group of colleagues.
- Write progress reports and summaries.
- Establish, adhere to, or enforce a schedule of tasks to be performed.
- Communicate with colleagues, supervisors, and customers.

# Objectives

The training provided emphasizes the multidisciplinary and complementary nature of networks and telecommunications and their importance for the development of mobile and secure access to data from heterogeneous devices (PCs, tablets, smartphones). The content of the training program is regularly updated to best meet the needs of businesses, for example in relation to network virtualization, the Internet of Things, 5G networks, etc. Apprentices receive solid theoretical training supplemented by numerous practical assignments and projects, enabling them to quickly become operational in the workplace. In addition, the curriculum provides numerous opportunities to develop future careers and gain skills in a constantly changing field.

# Débouchés

## Career prospects

### Research & Development Engineer
### Research or Design Engineer
### Network architect
### Telecoms consultants
### Network administrator
### Systems and network administrator
### Network architect
### DevOps
### Radio engineer
### System engineer
### Systems, Networks and Security engineer
### Telecoms engineer
### Validation engineer

## Further Study Opportunities

### PhD
### Administrative Examination

## Calendar

Start of programme (indicative date)
01/09/2026
End of programme (indicative date)
31/08/2027
Admission

## Capacity

**Available Places**

24

# Target Audience and Entry Requirements

Holders of a first year master degree in Networks and Telecommunications, Computer Science, or Electronics, Electrical Engineering (with a minor in Networks/Telecommunications)

# Période(s) de candidature

Inception Platform

From 30/01/2026 to 01/06/2026

# Supporting documents

## Compulsory supporting documents

Copy of the last diploma.

Motivation letter.

All transcripts of the years / semesters validated since the high school diploma at the date of application.

Curriculum Vitae.

## Additional supporting documents

Rank of previous year and size of the promotion.

Certificate of French (compulsory for non-French speakers).

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

Document indicating the list of local M2 choices available here : https://urlz.fr/i3Lo.

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 | distan learn cour |
|---|---|---|---|---|---|---|---|---|---|
| RAN en Unix | 1 | Semestre 1 | | | 10 | | | | |
| Charger le détail | | | | | | | | | |
| RAN en traitement du signal | 1 | Semestre 1 | 4 | 2 | 4 | | | | |
| Charger le détail | | | | | | | | | |

| Subjects | ECTS | Semester | Lecture | directed study | practical class | Lecture/directed study | Lecture/practical class | directed study/practica class |
|---|---|---|---|---|---|---|---|---|
| Communications numériques | 5 | Semestre 1 | 26 | 12 | 12 | | | |
| Charger le détail | | | | | | | | |
| Sécurité des réseaux | 5 | Semestre 1 | 24 | 6 | 20 | | | |
| Charger le détail | | | | | | | | |
| Réseaux avancés | 5 | Semestre 1 | 18 | 12 | 20 | | | |
| Charger le détail | | | | | | | | |
| Python pour les réseaux | 5 | Semestre 1 | 18 | | 32 | | | |
| Charger le détail | | | | | | | | |

| Subjects | ECTS | Semester | Lecture | directed study | practical class | Lecture/directed study | Lecture/practical class | directed study/practical class | dista learn cou |
|---|---|---|---|---|---|---|---|---|---|
| Evaluation du travail en entreprise | 10 | Semestre 1 | | | | | | | |
| Charger le détail | | | | | | | | | |

| Subjects | ECTS | Semester | Lecture | directed study | practical class | Lecture/directed study | Lecture/practical class | directed study/practical class |
|---|---|---|---|---|---|---|---|---|
| Anglais | 3 | Semestre 2 | 30 | | | | | |

| Subjects | ECTS | Semester | Lecture | directed study | practical class | Lecture/directed | Lecture/practical | directed study/practical class |
|---|---|---|---|---|---|---|---|---|
| Charger le détail | | | | | | | | |
| Droit, insertion professionnelle, gestion de projets | 3 | Semestre 2 | 16 | | 14 | | | |
| Charger le détail | | | | | | | | |

| Subjects | ECTS | Semester | Lecture | directed study | practical class | Lecture/directed | Lecture/practical | directed study/practical class |
|---|---|---|---|---|---|---|---|---|
| Réseaux PMR - IMS | 3 | Semestre 2 | 16 | 6 | 8 | | | |
| Charger le détail | | | | | | | | |
| Virtualisation et réseaux logiciels | 3 | Semestre 2 | 14 | | 16 | | | |
| Charger le détail | | | | | | | | |
| Technologies réseaux d'opérateurs | 3 | Semestre 2 | 16 | 6 | 8 | | | |
| Charger le détail | | | | | | | | |
| IA pour les réseaux/Réseaux pour l'IA | 3 | Semestre 2 | 14 | 0 | 16 | | | |
| Charger le détail | | | | | | | | |
| Réseaux mobiles | 3 | Semestre 2 | 18 | 4 | 8 | | | |
| Charger le détail | | | | | | | | |
| Réseaux 4G et 5G | 3 | Semestre 2 | 14 | 4 | 12 | | | |
| Charger le détail | | | | | | | | |
| Développement d'applications pour l'internet des objets | 3 | Semestre 2 | 10 | | 20 | | | |
| Charger le détail | | | | | | | | |
| UE libre S2 | 3 | Semestre 2 | | | | | | |
| Charger le détail | | | | | | | | |

| Subjects | ECTS | Semester | Lecture | directed study | practical class | Lecture/directed study | Lecture/practical class | directed study/practical class |
|---|---|---|---|---|---|---|---|---|
| DevOps | 3 | Semestre 2 | 14 | | 16 | | | |

Charger le détail

| Subjects | ECTS | Semester | Lecture | directed study | practical class | Lecture/directed study | Lecture/practical class | directed study/practical class | distan learn cour |
|---|---|---|---|---|---|---|---|---|---|
| Travail en entreprise - évaluation finale | 10 | Semestre 2 | | | | | | | |

Charger le détail

# Teaching Location(s)

ORSAY

# Contact

- **Agathe ROUCHEYROUX**

  secrétaire pédagogique

http://www.universite-paris-saclay.fr/formation/master/electronique-energie-electrique-automatique/m2-reseaux-et-telecoms-voie-apprentissage