CS

MASTER of Science in Computer Security

EPITA
SCHOOL OF ENGINEERING & COMPUTER SCIENCE

CONFÉRENCE DES GRANDES ÉCOLES

MSc MASTER OF SCIENCE

- Endorsed by French & international companies
- A combination of technical & management courses
- Action Learning through doing
- Multi-culture educational environment
- Accredited by the CGE (Conférence des Grandes Ecoles)

In Paris | 100% English | 18 months full-time | 2 Intakes Sept/March

The aim of the **Master of Science in Computer Security** is to master cybersecurity issues and how to deal with a cyber threat. It combines learning system (design to administration), networks (existing and new generations) and cybersecurity (organizational and technical).

+ **Providing skills leading to Information System Security Manager employment**
+ **Ability to understand company risks and governance as well as identifying areas of progress.**

Programs

Semester 1 (S1)	Semester 2 (S2)	Semester 3 (S3)	Semester 4 (S4)
Fundamental	Common Core	Specialization	Internship
30 ECTS	30 ECTS	30 ECTS	30 ECTS
12 Months			6 Months
On Campus			In Company

STAY IN TOUCH with us

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FRANCE

Learning Objectives

The heart of this program is to train information and cybersecurity experts to protect vital systems and networks.

- Information Systems Security Officer
- Intrusion Testing
- Security Consultant
- Digital Forensics & Incident Response Expert
- Cyber Experts
- Infrastructure & Operations Manager
- Integrator, architect of cybersecurity solutions
- System Administrator

Average salary:
40K€ gross annually

Internship salary:
1200-1500€ monthly

Jad Karaki
From Lebanon
Class of 2018

In the age of cyber trust, robust cybersecurity is more important than ever and institutions face the crucial task of using latest technologies & solutions to protect critical assets.

After finishing my Masters Security at EPITA, I joined Avanade as an intern in the Security division in February 2018 then signed my full-time contract in August 2018 and been working as a Cloud & Security Consultant since then.

What I like the most about this field is the many subfields that it offers. So far, I've had the chance to work on various security missions and projects such as Penetration testing, Microsoft Azure Cloud Security, Identity and Access Management & DevSecOps. Cybersecurity professionals, enjoy solving complex problems and expect nothing to be as it first appears.

Application

Requirements

- 4-year bachelor's degree or higher
- 3-year bachelor's degree with significant experience

Fees

- Tuition fees: 12 900 €
- Application fees: 60 €

Deadline

31st of July (September Intake)
15th of January (March Intake)

Procedure

APPLY ONLINE www.epita.fr/en

1. Validation of the candidacy
2. Online interview
3. Admission results

Status of an application is communicated by **email during each phase of the procedure.**

Checklist

- Resume
- Passport
- Official university transcripts
- Certified copy of the bachelor's degree certificate
- Certified copy of the High School certificate
- 2 letters of recommendation
- TOEFL 80, TOEIC 800, IELTS 6.0
- Motivation letter

Program Outline

	Teaching Unit	Course
S1 Fundamental Semester (250 hours)	Cultural Integration	Cultural Integration Workshop French Language Program MSc (A1) Getting Over The Culture Shock
	Advanced Management & Business Strategy	Inter-culturally Adaptation Project Management Principles Linux for Security Computer Networks
	Technical & Programming Skills	Advanced Algorithmic Information Technologies Overview Operating Systems: Unix Introduction To Python Python Week Relational Databases
S2 Common Core Semester (250 hours)	Advanced Management & Engineering Science	Change Management Cross-Border Management French Language Program MSc (A2) Knowledge Management & Innovation
	Advanced Management & Business Strategy	Digital Marketing And Social Media Strategy Project For Research & Innovation (#1) Communication for Leaders Digital Transformation Enterprise Discovery
S3 Specialization Semester (250 hours)	Advanced Management & Engineering Science	Block Chain, Bitcoin & Security Career Project Elaboration Cloud Computing, Principles And Analysis French Language Program MSc (A2-B1) Project For Research & Innovation (#2)
	Advanced Security	Digital Forensics & Incidence Response Malware Analysis Penetration Testing Reverse Engineering Secured Network Architecture Security Operation Center Software & Database Security Unix System Administration Web Security Social Engineering Techniques
	Security & Management	Introduction To Cryptology PKI, DMZ & Proxy Python For Security

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