



- ▶ Endorsed by French & international companies
- ▶ A combination of technical & management courses
- ▶ Learning through doing
- ▶ Multi-cultural educational environment
- ▶ Accredited by the CGE (*Conférence des Grandes Écoles*)



In Paris



100% English



18 months full-time



2 Intakes Sept/March

# MASTER of Science in Computer Security

CS

## The Master of Science in Computer Science - specialization Computer Security

program allows students to master cybersecurity issues and to deal with cyber threats. It combines learning system (design to administration), networks (existing and new generations) and cybersecurity (organizational and technical).

+ Provides skills leading to Information System Security Manager employment

+ Ability to understand company risks and governance as well as identifying areas of progress

### Program

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 a Company



STAY IN TOUCH with us

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14-16 rue Voltaire - 94270 Le Kremlin-Bicêtre - 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

## Application

### Requirements

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

### Fees

- Tuition fees: 13 800 €
- Application fees: 60 €

## Deadline



31<sup>st</sup> of July (September Intake)  
15<sup>th</sup> of January (March Intake)

## Procedure



**APPLY  
ONLINE**

[www.epita.fr/en](http://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
- 2 letters of recommendation
- TOEFL 80, TOEIC 800 or IELTS 6.0
- Motivation letter



**Chady MORRA**

Class of 2022  
From Lebanon

*In today's world, we are under constant threat of data breaches, ransomware, phishing and other emerging cyber threats. To face these sophisticated attackers, we need well-trained and professional cybersecurity individuals to protect our critical infrastructure and preserve our digital privacy.*



*This program is designed to make you a well-rounded cybersecurity professional. The courses are taught by professionals who are working in the industry, so you will be learning the latest and cutting-edge tools and techniques.*

*After graduation in 2022, I took on the Information Security Engineer role at Equativ which is a leader in the Advertising Technology industry. In this field I never stop learning from new challenges every day.*

## Program Outline

	Teaching Unit	Course
S1 Fundamental Semester (300 hours)	Cultural Integration	• Cultural Integration Workshop • General French (All levels) • Managing the Culture Shock
	Advanced Management & Business Strategy	• Corporate Finance • Communication for Leaders • Project Management Principles • Enterprise Essentials
	Technical Foundation	• Data Privacy by Design • Digital Transformation • Introduction to Block Chain & Bitcoin • Introduction to Network Protocols & Architecture • Technical Warmup
	Programming Skills	• Advanced Algorithmic • Operating Systems: Unix • Introduction to Python • Relational Databases
S2 Common Core Semester (300 hours)	Advanced Security	• PKI, DMZ & Proxy • Social Engineering & Physical Intrusions • Hands-on Hacking
	Technical Skills	• Python Week • Cloud Computing using AWS
	Advanced Management & Business Strategy	• Career Project Elaboration • Digital Marketing and Social Media Strategy • General French (All levels)
	Security Fundamentals	• Introduction to Cryptology • Unix System Administration • Linux for Security
S3 Specialization Semester (300 hours)	Advanced Management & Engineering Science	• Cross-Border Management • General French (All levels) • Knowledge Management & Innovation • Action Learning
	Advanced Security	• Malware Analysis • Penetration Testing • Python for Security • Software & Database Security • Web Applications Security
	Advanced Security & Management	• Reverse Engineering • Security Operation Center • Identity Access Management • Digital Forensics & Incident Response
S4	Internship	• 6-month internship in a company