EPITA
SCHOOL OF ENGINEERING & COMPUTER SCIENCE

SE

MASTER
of Science
in Software
Engineering

CONFÉRENCE DES GRANDES ÉCOLES

MSc MASTER OF SCIENCE

- ► Endorsed by French & international companies
- ► Preparation for FullStack developers

- ► Learning through doing
- ► Multi-cultural educational environment
- ► Accredited by the CGE (Conférence des Grandes Écoles)

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

The Master of Science in Computer Science – specialization Software Engineering program trains students to become "Digital Leaders" who are able to innovate, propose new content, create new uses and services, by using open sources technologies or those of the large software publishers.

+ **Integrate into all economic sectors as an architect of new services and innovative site management**

+ **Technological rigor coupled with the capability of listening to others thus managing the human factors in new use situations**

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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Learning Objectives

The heart of this program is to teach students how to design, plan, develop, implement, test, and maintain qualified software and applications.

- ▸ **Startup Creation**
- ▸ **Developer**
- ▸ **Software Engineer**
- ▸ **Technical Manager**
- ▸ **Database 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

📅 **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
- ▸ 2 letters of recommendation
- ▸ TOEFL 80, TOEIC 800 or IELTS 6.0
- ▸ Motivation letter

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 • Entreprise 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 Management & Engineering Science**	• Career Project Elaboration • Digital Marketing and Social Media Strategy • Green IT • ITIL • General French (All levels)
	Advanced Programming	• Advanced C • Software & Database Security • Android Initiation • Introduction to iOS • OOA & UML & Java
	Technical Foundation	• Python Week • Cloud Computing using AWS
S3 Specialization Semester (300 hours)	**Advanced Management & Engineering Science**	• Cross-Border Management • General French (All levels) • Knowledge Management & Innovation
	Advanced Programming	• .Net and C# Programming • Advanced Databases • Advanced Java Programming • Structured Data & Transportation
	Software Industrialization	• How to Use DevOps Approach • Software Industrialization • Software Quality Assurance • Action Learning
	Advanced Web Technologies	• Advanced Javascript • Web Applications Patterns • General Front-end Development Principles • Front-End Applications • Progressive Web Applications
S4	**Internship**	• 6-month internship in a company

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