



- ▶ Endorsed by French & international companies
- ▶ Combination of mathematics & programming
- ▶ Action Learning through doing
- ▶ Multi-culture 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 Artificial Intelligence Systems

AIS

The aim of the **Master of Science in Artificial Intelligence Systems** is to provide high-level executives with high employability rate in the fields of Artificial Intelligence and Data Science with broad professional skills, both scientific and technological, as well as human and commercial.

- + Open-mindedness and curiosity facilitating the understanding of economic phenomena related to globalization
- + French socio-economic and socio-professional culture
- + Ability to present and defend a project in a variety of complex contexts

Program

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

Learning Objectives

The heart of this training program is to train international and French graduates in solving complex problems using methods, techniques, and tools of artificial intelligence by gaining a solid background in mathematics and programming skills.



- Data Scientist
- Data Engineer
- AI Project Manager
- AI Coach
- AI Solution Architect
- Data Knowledge Miner
- Data Architect
- Machine Learning Engineer
- Features Engineer



Average salary:
45K€ gross
annually

Internship salary:
1500-2000€
monthly

Application

Requirements

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

Fees

- Tuition fees: 18 000 €
- 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 Online scientific assessment
(Math, Programming & Algorithms)



4 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



Bhanuja Kaur

From India

EPITA is one of the best engineering schools in France. I love the program and the French culture. The specialization is embedded with subjects that meet the market requirements. It's a perfect blend of management and technical subjects which has helped me to be a successful technical manager.

Teachers are inspiring, they know their subjects and they care about the success of the students. There is proper exposure to practical implementation of the things learnt in class. Collaboration in the class is top notch.

Program Outline

	Teaching Unit	Course
S1 Foundation Semester (300 hours)	Introduction to Artificial Intelligence	Introduction to Python Challenge in Python Knowledge Representation & AI History
	Technical Foundation	Advanced Algorithmic Relational Databases Java & UML Programming Algorithmic Workshop
	Innovation & Management	Cultural Integration Workshop French Language Program Msc (A1) Communication for Leaders Managing the Culture Shock
	Core Data & Artificial Intelligence	Linear Algebra for Data Science Operations Research II: Optimization for Data Science Operations Research I: Linear Programming Numerical Algorithms Probability & Statistics for Machine Learning
S2 Core Semester (300 hours)	Data Science	Python Week Intermediate Python for Data Science Machine Learning II: Bayesian & Unsupervised Methods Machine Learning I: Introduction to Statistical ML Neural Networks & Deep Learning
	Technical Foundation	Data Privacy by Design Digital Transformation Introduction to Blockchain & Bitcoin Cloud Computing using AWS
	Data Engineering	NOSQL Databases Spark & Python for Big Data Data Exploration & Preparation Datacamp
	Operational Methodologies	Cross-Border Management French Language Program Msc (A2) AI Project Methodology
S3 Excellence Semester (300 hours)	Cultural Integration	French Language Program Msc (A2-B1)
	Applied Data Science & Artificial Intelligence	Recommender System Natural Language Processing AI in Signal & Audio Processing AI in Image and Video Processing Time-Series Analysis
	Data Engineering	Data Visualization Reinforcement Learning Machine Learning for Cloud: Corporate Conferences Week Big Data Infrastructure & Cloud Computing
	Operational Methodologies	Career Project Elaboration Action Learning Data Science in Production Ethical Development of AI Applications