Université Paris-Saclay
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M2 Artificial Intelligence

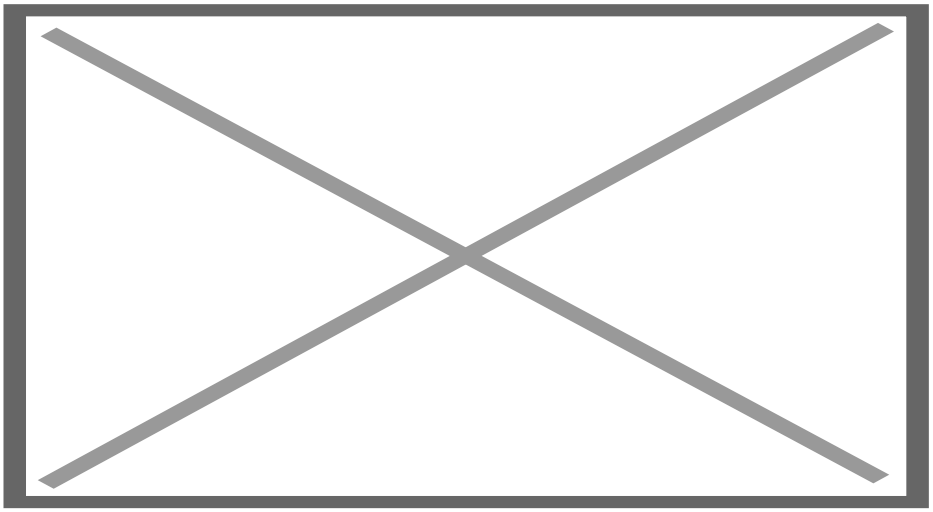
Master's degree
Specialisation Computer Science
Enrolment type
Formation initiale
Formation continue
Language(s) of instruction
English

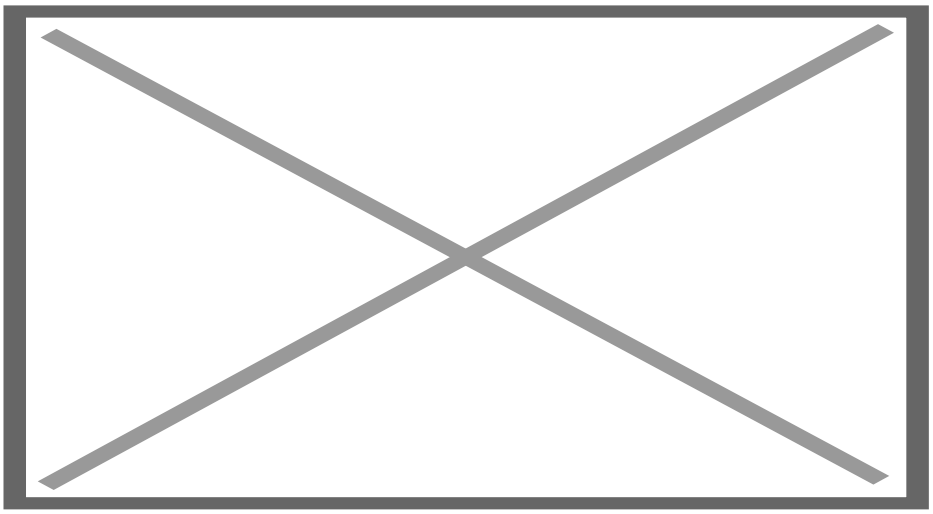
As AI transforms industries, this Master’s in Artificial Intelligence offers practical training in machine learning, deep learning, NLP, reinforcement learning, and advanced topics such as generative models, frugal AI, and scientific ML. With a strong focus on applications, ethics, and bias mitigation, it prepares graduates for careers in research, industry, and entrepreneurship. **Please consult the program website (https://ai-master.lisn.fr/) before applying or contacting us.**

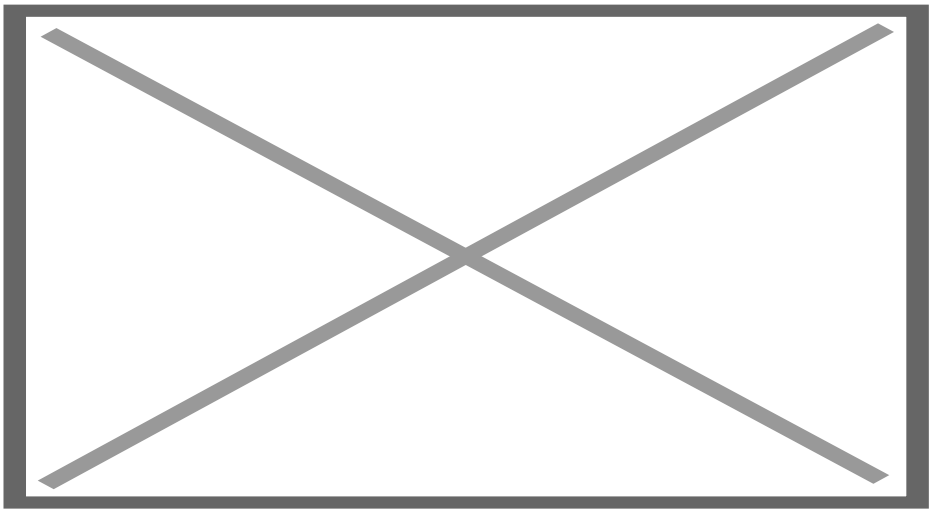
As AI continues to revolutionize industries across the globe, this Master's in Artificial Intelligence provides an advanced, hands-on approach to the core areas of AI and Machine Learning, preparing students for the latest challenges in the field. The program covers a comprehensive range of topics—from statistical learning and machine learning to subfields like deep learning, natural language processing (NLP), and reinforcement learning.

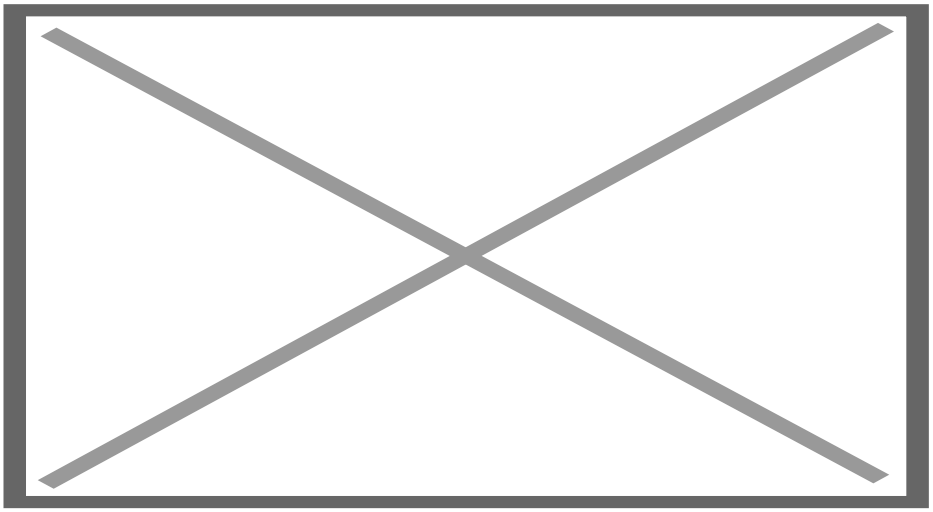
By integrating state-of-the-art techniques such as generative models, frugal AI, and scientific machine learning, students are not only trained in the theoretical underpinnings of AI but also gain real-world skills applicable to research, industry, and entrepreneurship. The program’s emphasis on practical implementation, along with courses on AI ethics and bias mitigation, ensures graduates are equipped to tackle the complex, evolving landscape of modern AI.

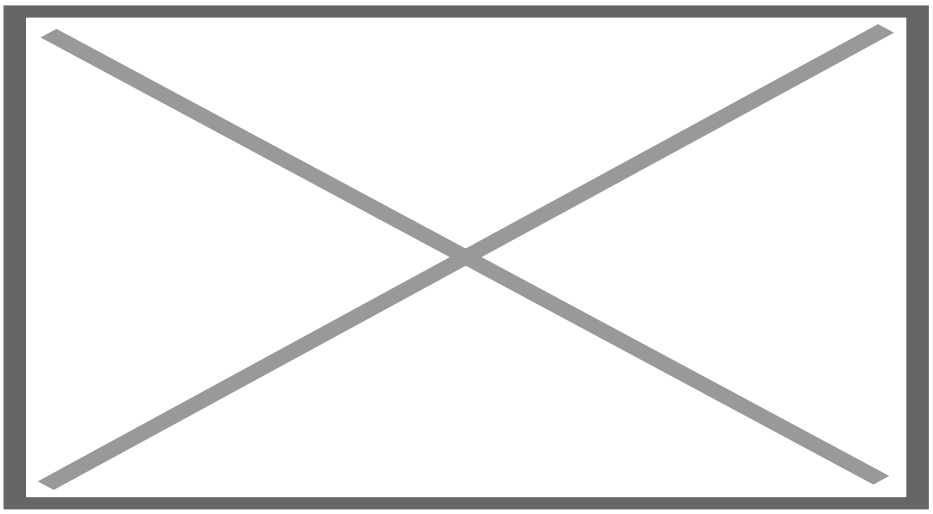
Télécharger la fiche détaillée
Apply Now











Information

- Overview
- Application requirements
- Schedule

Présentation

Skills

Graduates of this program will be able to:

- Build and deploy machine learning and deep learning models across diverse domains.
- Implement advanced AI techniques, including generative models and reinforcement learning, with modern frameworks.
- Analyze and visualize complex datasets to support data-driven decisions.
- Apply principles of ethical, fair, and responsible AI in real-world contexts.
- Design AI solutions for industries such as healthcare, finance, autonomous systems, and natural language processing.

- Demonstrate critical perspective on the history and evolution of AI, linking foundational ideas to current advancements.

Objectives

- Graduates of this program will be able to:
- • Build and deploy machine learning and deep learning models across diverse domains.
- • Implement advanced AI techniques, including generative models and reinforcement learning, with modern frameworks.
- • Analyze and visualize complex datasets to support data-driven decisions.
- • Apply principles of ethical, fair, and responsible AI in real-world contexts.
- • Design AI solutions for industries such as healthcare, finance, autonomous systems, and natural language processing.
- • Demonstrate critical perspective on the history and evolution of AI, linking foundational ideas to current advancements.

Débouchés

Career prospects

Development Manager
Research or Design Engineer
Research Engineer
Design Engineer
Research Engineer
Data scientist
Development engineer
Consultant

Further Study Opportunities

PhD in Bioinformatics
PhD
PhD thesis
fields of statistical learning, artificial intelligence and advanced data analysis

Data Scientist, Data Analyst, Ingénieur·e en Machine Learning dans des secteurs innovants (tech, finance, santé, énergie, etc.) ;

Calendar

Start of programme (indicative date)
31/08/2026
Admission

Admission Route

Computer Science
Mathematics and computer science applied to human and social sciences
Mathematics
Physics
Undergraduate double degree Mathematics - Physics

Capacity

Available Places

30

Target Audience and Entry Requirements

This course requires a good background in mathematics and computer science:
• Probability and statistics
• Linear algebra
• Differential and integral calculus
• Scientific programming
• Visualization of the dataApplicants should also have completed successfully the M1 of Artificial Intelligence (or equivalent):
• Know the basics of applied statistics and optimization
• Know how to manipulate big data
• Know how to differentiate and apply techniques of supervised, unsupervised, and reinforcement learning
• Know how to program predictive models with Python and master scikit-learn
• Know how to to visualize data and illustrate results with programming tools
• Know how to write a project proposal and communicate results in writing and orally

Période(s) de candidature

Inception Platform

From 01/03/2026 to 01/04/2026

Supporting documents

Compulsory supporting documents

List of post-secondary school studies mentioning exclusively the year, course, institution, average grade and your grade or distinction.

Copy of passport.

Motivation letter.

Letter of recommendation or internship evaluation.

Document at your convenience.

List of applications for other tracks, in particular in the Paris-Saclay computer science master's program, in order of preference.

Completed questionnaire (to download on the master's web page).

Auto-evaluation form to be downloaded from https://ai-master.lisn.fr/

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

Certificate of English level (compulsory for non-English speakers).

Proof of English level B2 or an official document by your university stating that the bachelor education was enrtirely in English.

Curriculum Vitae.

Additional supporting documents

GMAT / GRE test results.

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

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	distanc learni cours
Stage long	30	Semestre 2							

Charger le détail

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class	d l
[AI] Reinforcement Learning	3	Semester 1	10.5	10.5					

Charger le détail

[AI] Advanced Optimization and Automated Machine Learning	3	Semester 2	10.5	10.5					

Charger le détail

[AI] NLP Today	3	Semester 1	10.5	10.5					

Charger le détail

[AI] Deep Learning for NLP	3	Semester 1	10.5	10.5					

Charger le détail

[AI] Frugal AI	3	Semester 1	10.5	10.5					

Charger le détail

[AI] Information Retrieval	3	Semester 1	10.5	10.5					

Charger le détail

[AI] Probabilistic generative models	3	Semestre 1	10.5	10.5					

Charger le détail

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class	d l
[AI] Scientific Machine Learning	3	Semester 1	10.5	10.5					

Charger le détail

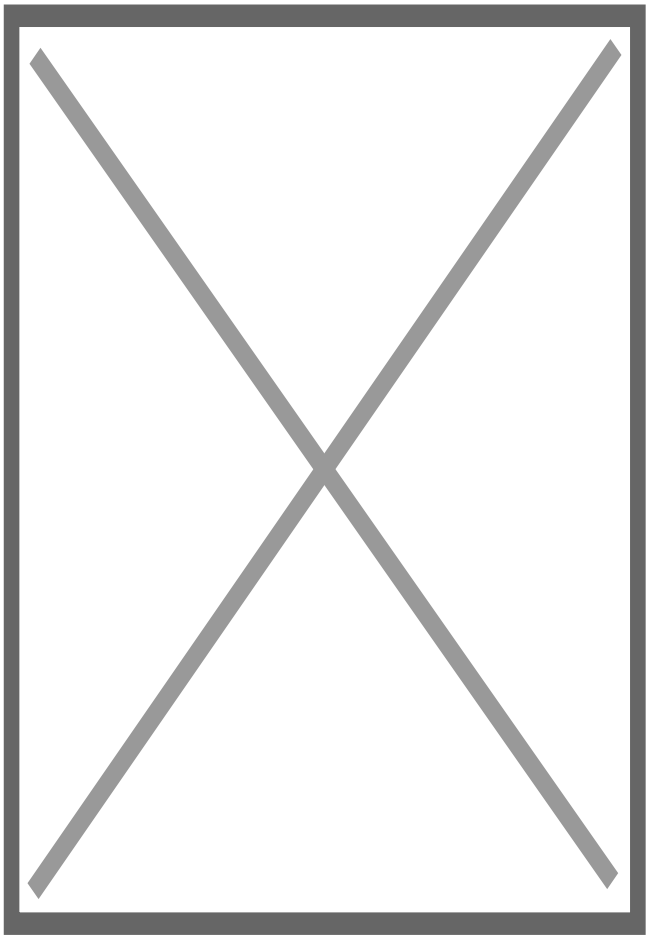
Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practic class
1 UE Soft Skill à choisir								
Innovation et Entreprenariat	3	Semester 2	10.5	10.5				
Charger le détail								
Impacts Environnementaux du numérique	3	Semester 2	10.5	10.5				
Charger le détail								
CAD design for 3D printing	3	Semestre 2	10.5	10.5				
Charger le détail								
The art of fabricating tangible surfaces	3	Semestre 2	10.5	10.5				
Charger le détail								
History and Societal Impact of AI	3	Semestre 1	10.5	10.5				
Charger le détail								
1 UE Soft Skill Obligatoire								
[DKAI] Data and Knowledge Acquisition and Sharing	3	Semestre 2	10.5	10.5				
Charger le détail								

Teaching Location(s)

ORSAY

Training campus

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Orsay Bures

Orsay / Bures-sur-Yvette
Bus 4607, 4626
RER B Orsay ville ou Bures-sur-Yvette
Voir
Library
Community center

Contact

- **Romane TADDEI**

  Secrétariat

http://www.universite-paris-saclay.fr/formation/master/informatique/m2-artificial-intelligence