Université Paris-Saclay
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M2 Systèmes Industriels - Apprentissage

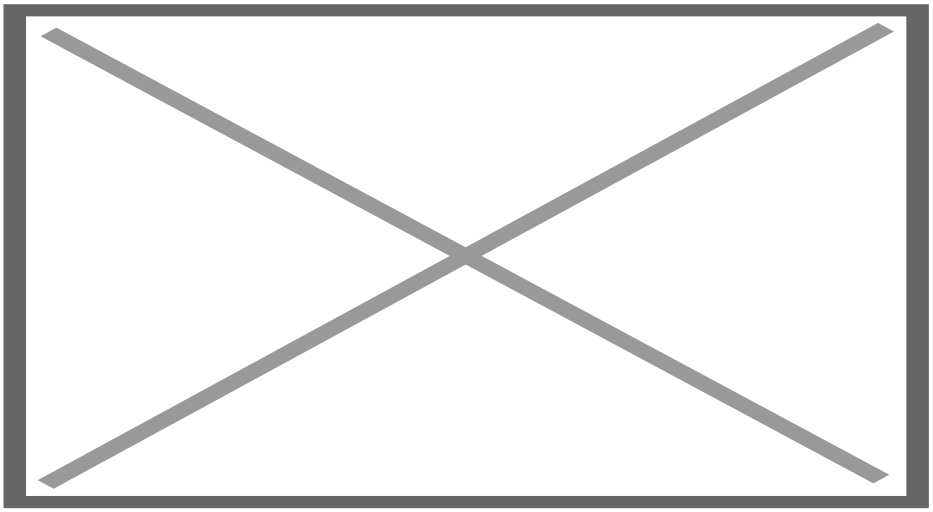
Master's degree
Specialisation Industrial Engineering
Enrolment type
Formation en apprentissage
Formation continue
Language(s) of instruction
French

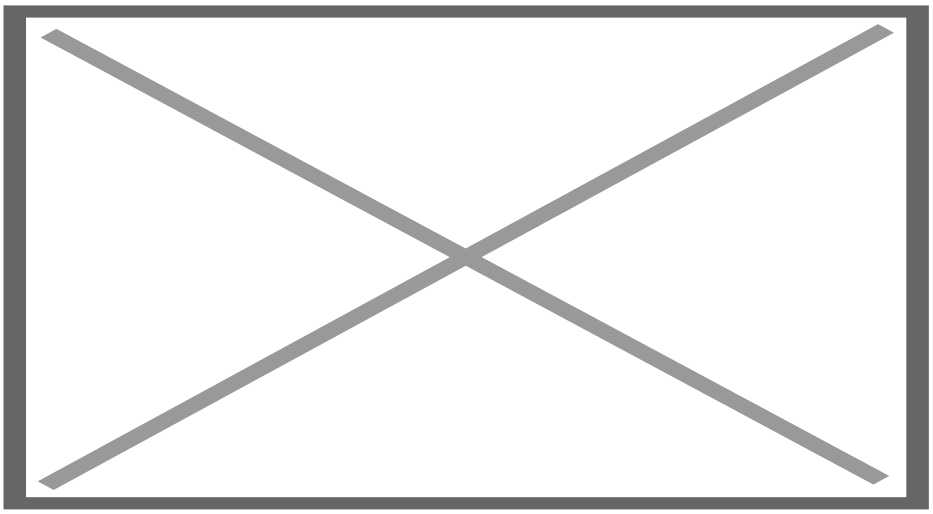
From an educational perspective, the ISC Master's degree programme at the Evry campus, a high-level programme that keeps pace with the latest technologies and has strong links with industry and renowned research laboratories in the field, provides students with the skills they need to take on the many technological challenges facing the industry and quickly assume positions of responsibility.

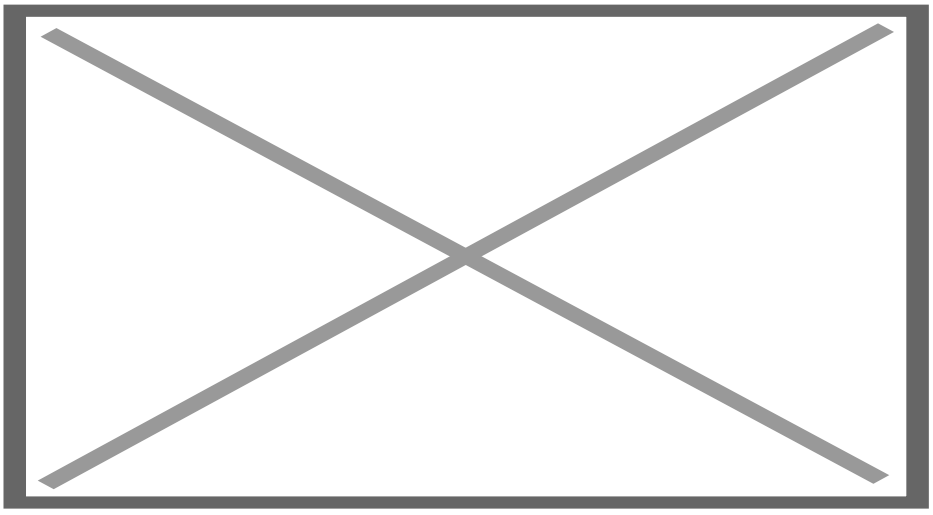
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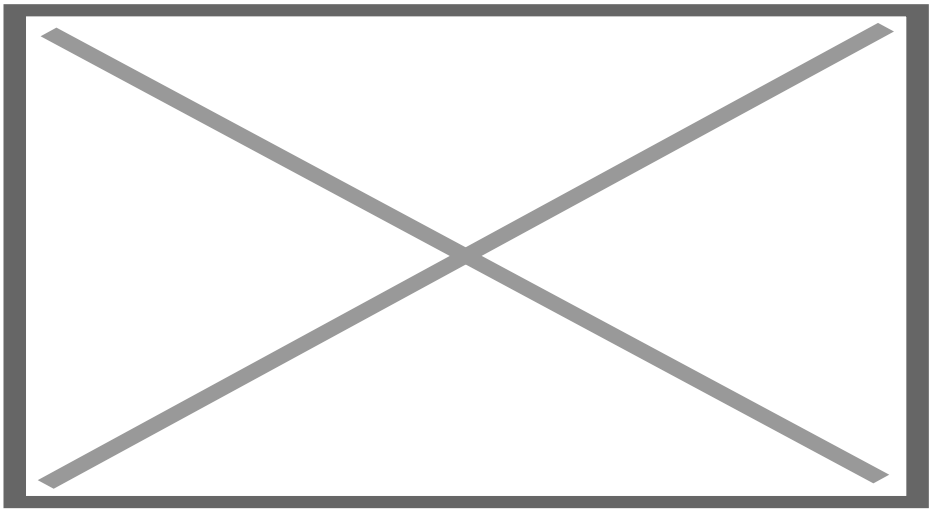
The apprenticeship programme, based on the principle of work-study, combines the advantages of traditional university education (theoretical and practical) and in-company training (acquisition of experience). Apprentices receive comprehensive theoretical and practical training. They are gradually prepared to become field engineers who perfectly meet the current demands of medium-sized and large companies, using their experience in the professional environment and capable of ensuring a certain versatility within the company.

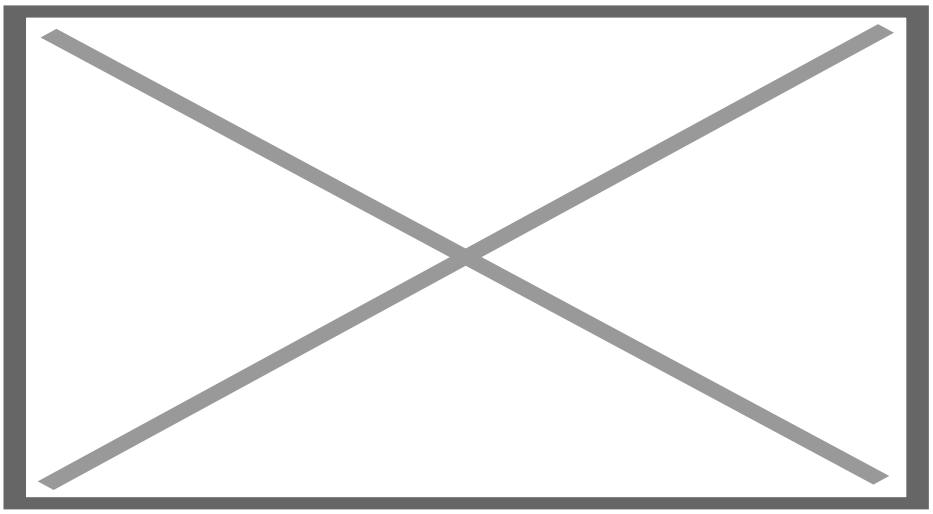
Télécharger la fiche détaillée
Apply Now











Information

- Overview
- Application requirements
- Schedule

Présentation

Skills

In terms of know-how and skills, apprentices will learn how to:
Design complex systems,
? Industrialise products and processes,
? Complete projects.
In addition to what they learn at university, they will learn from the company how to:
? Master industrial tools and technologies,
? Exercise technical and managerial responsibilities,

Objectives

The Industrial Systems programme trains engineers, senior managers and future researchers to understand industrial engineering issues in general and apply them to:

• aeronautical maintenance and airworthiness in compliance with standards and regulations,

• mastering the concepts, models, tools, techniques and methodology necessary for organising and managing logistics systems (management, ERP, scheduling, planning),

• advancing and developing skills in the field of progressive or intelligent manufacturing, identified as a key technology for the coming years,

• preparing and training multidisciplinary engineers focused on the field of robotics integration and the implementation of complex robotic/automated installations.

Débouchés

Career prospects

Raw materials and manufacturing quality control manager
maintenance engineer
Quality assurance manager
R&D Project Manager
Project Manager
Design engineer in the industrial sector
Design engineer in the research / scientific sector
Information Systems Manager
Research and Innovation Manager
Project Manager
Industrial Development Manager
Lecturer (after a PhD)
Design-Production Engineer
Research officer

Further Study Opportunities

PhD
Engineering, research and development
Engineering methods and industrialisation
R&D researcher or data modelling and analysis expert in leading-edge companies or laboratories.
Head of project/mission

Calendar

Start of programme (indicative date)
07/09/2026
End of programme (indicative date)
03/09/2027
Admission

Capacity

Available Places

28

Target Audience and Entry Requirements

Admission to the M2 programme is conditional upon prior completion of a four-year degree, either through initial training or a work-study programme, in Engineering Sciences (SPI) or another equivalent field. Candidates must also be under 30 years of age. Apprentice candidates are selected by the University after review of their academic record, possibly followed by an interview. Final admission to the programme is subject to the signing of a two-year apprenticeship contract (covering the M2 year of study) with a host company. Candidates may be admitted to M2 if they have successfully completed the first year of an ISC Master's degree or another equivalent qualification. In this case, final admission is subject to the signing of a one-year apprenticeship contract.

Période(s) de candidature

Inception Platform

From 01/02/2026 to 05/07/2026

Supporting documents

Compulsory supporting documents

Rank of previous year and size of the promotion.

Certificate of French (compulsory for non-French speakers).

Offer of employment with an approved a work-study contract.

Detailed description and hourly volume of courses taken since the beginning of the university program.

Additional supporting documents

Proof of one year's study in France for non-European candidates.

Document indicating the list of local M2 choices available here : https://urlz.fr/i3Lo.

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
Formation de l'ingénieur 1								
Data science / science des données et intelligence artificielle frugale *	2	Semester 1	8	10	12			
Charger le détail								
Unité d'Enseignement Libre	2	Semestre 1	0	20	0			
Charger le détail								
Anglais, formation générale 3	2	Semester 1	0	28	0			
Charger le détail								

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class
1 UE à choisir parmi 2								
Initiation à la recherche et intégrité scientifique *	2	Semester 1	8	10	12			
Charger le détail								
Entrepreneuriat et management responsable *	2	Semester 1	8	10	12			
Charger le détail								
Majeure 1 - Technologies Immersives pour la Transformation Numérique								
Fondements de la réalité étendue	2.5	Semestre 1	8	10	12			
Charger le détail								
Vision artificielle et Réalité augmentée	2.5	Semester 1	8	10	12			
Charger le détail								
Apprentissage automatique (Machine Learning) sobre et sécurisé *	2.5	Semester 1	8	10	12			
Charger le détail								
Systèmes multi-utilisateurs, collaboratifs et accessibles *	2.5	Semester 1	8	10	12			
Charger le détail								
Majeure 2 - Robotique et Systèmes de production								
Ingénierie industrielle et éco-conception *	2.5	Semester 1	8	10	12			
Charger le détail								
Intégration des robots	2.5	Semester 1	8	10	12			

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class
Charger le détail								
Interaction Humain - Machine et accessibilité numérique *	2.5	Semester 1	10	4	16			
Charger le détail								
Environnements de programmation robotique	2.5	Semester 1	8	10	12			
Charger le détail								
Majeure 3 - Management des opérations et de la maintenance aéronautique								
Réglementation de la maintenance	2.5	Semestre 1	8	10	12			
Charger le détail								
Facteurs Humains et Opérationnels de la Sécurité	2.5	Semestre 1	8	10	12			
Charger le détail								
Instrumentation, essais et CND	2.5	Semestre 1	8	10	12			
Charger le détail								
Procédés fabrication, réparation et recyclage *	2.5	Semestre 1	8	10	12			
Charger le détail								

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class
Formation de l'ingénieur 2								
Industrie du futur et développement soutenable *	2	Semester 1	14	0	16			
Charger le détail								

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class
Génie logiciel et numérique responsable *	2	Annualisé	8	10	12			
Charger le détail								
Qualité et amélioration continue	2	Semestre 1	8	10	12			
Charger le détail								
Simulation de flux	2	Semestre 2	8	10	12			
Charger le détail								
Calcul des coûts et conduite de projets	2	Semestre 2	8	10	12			
Charger le détail								
Management des systèmes d'information	2	Semestre 2	8	10	12			
Charger le détail								

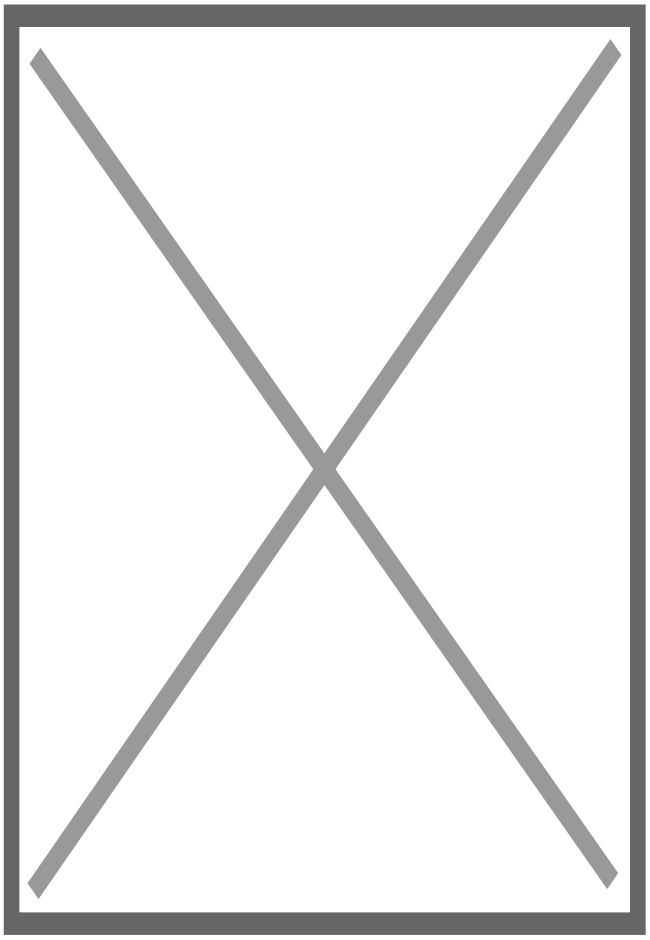
Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class	dist lear co
Savoir-être	4	Annualisé	0	0	0				
Charger le détail									
Savoir-faire	4	Annualisé	0	0	0				
Charger le détail									
Mémoire	11	Annualisé	0	0	0				
Charger le détail									
Soutenance	11	Annualisé	0	0	0				
Charger le détail									

Teaching Location(s)

EVRY
COURCOURONNES

Training campus

Javascript est requis pour visualiser cette carte.



Evry

Evry
Bus 9105, 4504
RER D Evry Courcouronnes
Voir
Student restaurant (CROUS)
Library
Student residence
Sports facilities

Contact

- **Vincent LORET**

http://www.universite-paris-saclay.fr/formation/master/ingenierie-des-systemes-complexes/m2-systemes-industriels-apprentissage