

Université Paris-Saclay

[Sciences de l'ingénierie et des systèmes](#)

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Industrial Engineering

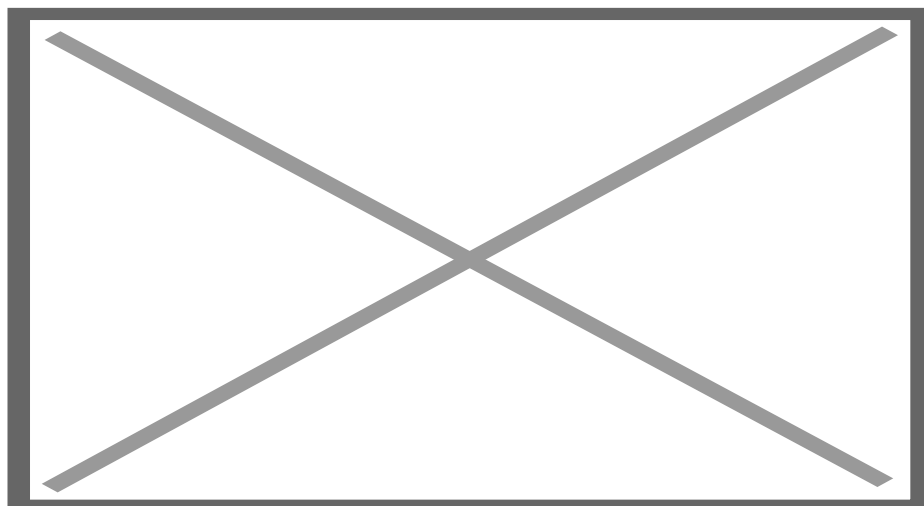
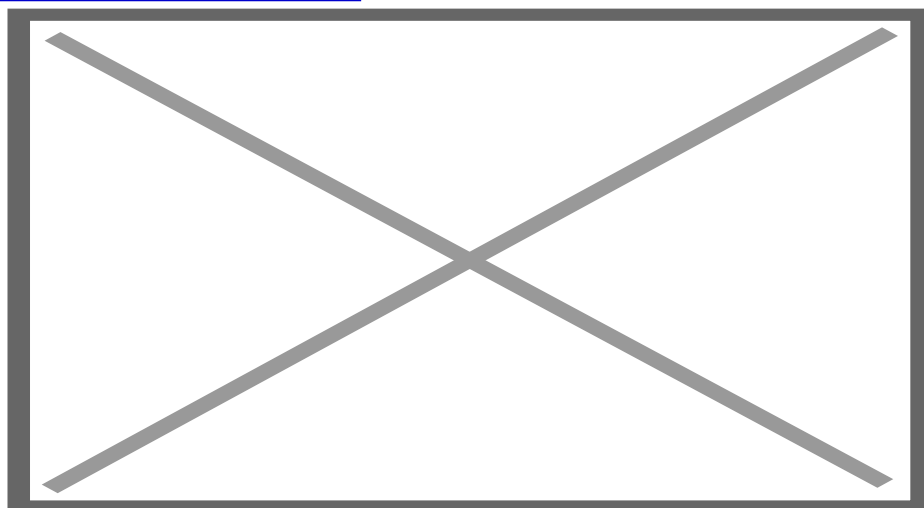
Master's degree

Language(s) of instruction

English

French

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Information

- [List of Pathways](#)
- [Overview](#)

Liste parcours

Master's Year 1

[M1 Ingénierie des systèmes complexes - Voie industrie en Apprentissage](#)

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[M1 Ingénierie des systèmes complexes - Voie industrie](#)

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Master's Year 2

[M2 Advanced Manufacturing and Smart Systems](#)

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[M2 Advanced industrial systems engineering](#)

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[M2 Industrial and Systems Engineering](#)

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[M2 Systèmes Industriels - Apprentissage](#)

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Présentation

[Fiche nationale du Répertoire National des Certifications Professionnelles \(RNCP\)](#)

Learning outcome targets

The Master's in Complex System Engineering (ISC) aims to address the modelling, design and management of systems, products, processes and organisations (particularly industrial), making extensive use of modelling sciences, system engineering and systems science as well as industrial engineering. In terms of disciplines, this Master's degree is at the interface between applied mathematics, computer science, operations research, mechanics, automation, economics, management and management of design and production tools. It includes organisation science, the analysis of interacting agent systems and the study of technical and organisational systems. It builds bridges between modelling, digital simulation, design, management and optimisation of socio-technical systems for industry and services.

<http://www.universite-paris-saclay.fr/formation/master/ingenierie-des-systemes-complexes>