



Master of Science (MSc)
Industry Transformation
Management



IT ALL STARTS HERE

BERLIN | LONDON | MADRID | PARIS | TURIN | WARSAW

Objectives

This specialisation is designed to train future industry leaders by developing both their leadership skills and industry knowledge. Furthermore, it aims to stimulate innovation in the industry sector through digital transformation, in order to deliver on high expectations in this field.

The specialisation is based on the skills and specialities resulting from the alliance of two highly renowned schools.

- CentraleSupélec delivers its specific knowledge of industry, based on engineering sciences and industrial management.
- ESCP Business School offers its high level of management and leadership skills.

Students will benefit from the support of both schools and courses will be taught by high-level professors from each institution. They will also experience both campuses by attending classes in these two different locations, in Paris and Saclay.

In this specialisation, students will benefit from new activities with our partner companies. They will have the opportunity to take part in company seminars, industrial site visits and industry round tables.

In the context of group work, you will be able to propose an industrial project to our partners.

Career Opportunities

This Master is aimed at those who are considering a career in the Industry Sector. The specialisation prepares graduates for professional roles such as: Industrial Manager, Product Line Manager, Project Manager, Consultant, Production Manager, Lean Manager (...)

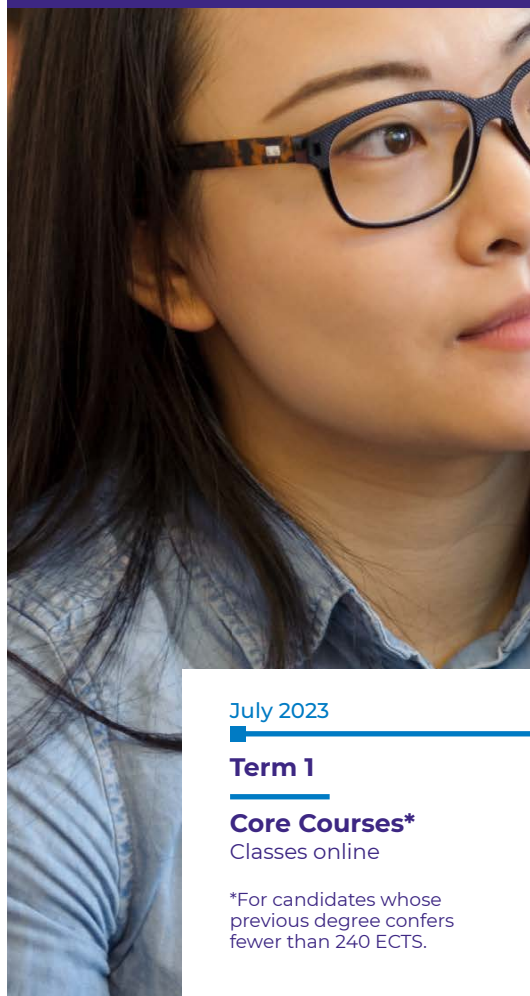
The Degree

This specialisation is part of the ESCP Master of Science (MSc) programme. Students will obtain the French Master degree (DEAMIE) a joint CentraleSupélec and ESCP diploma, the MSc in Industry Transformation Management.

Our Corporate Partners

Companies in the Industrial Sector will be involved in the programme, such as:

- OPEO
- Cartier
- THOMAS
- NEXTEAM GROUP
- MAROQUINERIE AUGUSTE
- Saint-Gobain
- SFPI



July 2023

Term 1

Core Courses*
Classes online

*For candidates whose previous degree confers fewer than 240 ECTS.

Curriculum

After a workshop to meet each other and create a group dynamic amongst the cohort, students will follow fundamental courses. These courses will provide students with the fundamental skills to analyse and manage industrial environments.

They will also follow a specific module to improve and develop their leadership and managerial skills.

Finally, the whole class will take part in a learning expedition in Berlin, in order to exchange on entrepreneurship and agility.

**Industrial Systems
Projects & Management
(CentraleSupélec)**

**Operations Management
& Lean Efficiency (ESCP
Business School)**

**Transformations Social
Impacts (ESCP Business
School)**

**Leadership Development
(CentraleSupélec)**

**Data Analytics for Sense
Making (ESCP Business
School)**

**Industry 4.0 (ESCP
Business School)**

**Sustainability
Management Seminar**

Term 3: Choose a track

Students will work in teams on a project for a company in the industrial sector. They will have to analyse and deliver solutions to the companies under supervision and with coaching from professors at both institutions.

Students will choose between the 3 following modules:

Tech (CentraleSupélec)

- Data Driven Design Analysis
- Industry 4.0 & Supply Chain Digital

Disruption

- Crisis & Transformation Management (CentraleSupélec)
- Tech Ops (ESCP Business School)

Future of Industry

- Green Ops (ESCP Business School)
- Human System Integration (CentraleSupélec)



Academic Calendar

Oct. 2023

June 2024

July 2024

Dec. 2024

Term 2 & 3

**Classes on the ESCP Paris Campus
and the CentraleSupélec Saclay ESCP
Berlin Campus: 2-week study trip**

Term 4

**Work placement, Master
Thesis**

A unique partnership

Students learn from two expert and world-renowned institutions, to be able to evolve in their chosen sector. ESCP Business School provides an expertise across the business management spectrum, while CentraleSupélec offers its industry sector knowledge based on engineering science and industrial management.

This alliance provides excellent courses taught by top professors from both institutions, allowing students to experience both ESCP and CentraleSupélec campuses located in Paris and Saclay.

Work Placement

After learning key industrial management skills, students will be challenged to put them into practice by joining a company anywhere in the world for 4 months.

The role must be clearly industry-oriented to be approved, engaging students in the field of industrial operations or projects.

They must demonstrate their ability to:

- manage operations and/or projects that have an impact on the evolution of the industry.
- gain direct exposure to the operations field by working with frontline workers and engineers or managers.
- provide solutions and systems that integrate the skills learned in the programme.



The Industrial Project

Students, working in teams, are challenged through a real project with a Customer (the company) / Supplier (the students) relationship. A professor will be assigned to each group as a technical expert on the issue at hand.

The Industrial Project will allow students to take into account all the contractual aspects of a project, in particular with a contractual document established with the client. At the final stage of this assignment, students will be required to present the contractual documents they have worked on for the client.

Master Thesis & Research Seminar

The Master thesis is an applied research project within an academic framework, written under the supervision of a Research Director. Students must structure and articulate their thoughts by exploring a business issue using sound and precise arguments.

Students defend their Master thesis in front of a jury of experts and professionals.

A mandatory research seminar, taught by an ESCP Professor, provides students with the tools and methodology needed to successfully write and support the thesis.

Academic Directors



Julie Stal-Le Cardinal

Professor in the Industrial Engineering Laboratory (LGI) at CentraleSupélec
PhD in Industrial Engineering from Centrale

Research Areas:

Discovering new methodologies of design and management in an industrial context. Julie works on team diversity and project management. She is a professional coach for project managers in companies on their project management and transformation of their industrial organisation.



Alexandre Tissot

Professor at ESCP Business School
PhD in Transformation & Organisations

Research Areas:

Organisational and digital transformations for industry, specialist in systemics and cybernetics. Alexandre has a background in engineering and is a professional coach and consultant specialised in industrial organisations. He supports leaders and top executives in designing and implementing transformations plan.

Class of 2023 Background

Business Management

56%

Engineering

25%

Mathematics/Physics

19%

International Students • 75%

Women • 38%

Men • 62%

Average Age • 23

How to Apply

1



ONLINE APPLICATION

2



TOEFL, TOEIC OR IELTS SCORE

3



ADMISSION INTERVIEW
IF ELIGIBLE

Tuition fees 2023

Application fee: €130

Tuition fees: €24,000*

Travel and accommodation are not covered by the fees.

**Master of Science (MSc): €16,900 + specialisation: €6,100 + service fees : €1,000*

Term 1: An additional fee of €3,000 applies for applicants with a previous degree that equates to fewer than 240 ECTS credits.



Information

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Programme Office

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Master of Science (MSc) Industry Transformation Management*



CEFDG

* This specialisation is part of the ESCP Master Degree (DEAMIE).

ESCP benefits from the best international accreditations.
Our European campuses enjoy national recognition.



5 European Higher Ed
accreditations

BERLIN

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14059 Berlin,
Deutschland

LONDON

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United Kingdom

TURIN

Corso Unione Sovietica,
218 bis
10134 Torino, Italia

MADRID

ARROYOFRESNO

Arroyofresno 1
28035 Madrid, España

MARIA DE MOLINA

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28006 Madrid, España

NAVALMANZANO

Navalmanzano 6
28035 Madrid, España

PARIS

RÉPUBLIQUE

79, av. de la République
75543 Paris Cedex 11,
France

MONTPARNASSE

3, rue Armand Moisant
75015 Paris, France

CHAMPERRET

6-8, av. de la Porte de
Champerret
75017 Paris, France

WARSAW

c/o Kozminski University,
International Relation
Office,
57/59 Jagiellońska St.
03-301 Warsaw, Poland

BRANCH CAMPUS

DUBAÏ

DIFC Academy
Dubai International
Financial Center
Dubai, UAE