MSc TECHNOLOGY MANAGEMENT & INTERNATIONAL ENTREPRENEURSHIP

GRADUATE PROGRAMME

INTAKE: **September**
CAMPUS: **Paris**
LANGUAGE: **English**
DURATION: **One-Year MSc**

Leadership and innovation in the global and technological environment

Established in Paris in
1919

4,000
students

+160
international academic partners

350
teachers and professional lecturers

15,000
graduates

+800
corporate partners and public organizations

+40
students associations

Established in 1919, ECE Engineering School in Paris excels in tech and digital education. Specializing in software development, network architecture, cyber security, data and AI, our educators use project-based pedagogy to enhance learning. As part of the OMNES Education Group, a top private institution in France, ECE leads in innovation and academic excellence.

In an increasingly globalized market and fast-evolving technological landscape, companies seek leaders who excel in both technical management and international entrepreneurship. Organizations demand professionals capable of steering projects across borders while leveraging cutting-edge technologies to drive innovation and growth.

This programme addresses the increasing demand for skilled professionals by providing in-depth training in technology management and global entrepreneurship. It equips students with the critical skills needed to manage complex technical operations and navigate the nuances of international business, enabling them to lead cross-functional teams and successfully launch ventures in diverse markets.

By mastering the complexities of digital transformation, students gain the ability to make informed strategic decisions, positioning themselves to lead innovative initiatives and thrive in the fast-evolving landscape of global technology-driven industries.

CAREER OPPORTUNITIES

After finishing this programme, students will be skilled professionals ready to fulfill the requirements of businesses, organizations and the public sector. They'll be equipped for various career paths such as Technology Strategist, Innovation Manager, Technology Product Manager, Digital Transformation Leader, Product Marketing Manager, Startup Founder or Entrepreneur.

WHY CHOOSE THIS PROGRAMME

> This programme offers a comprehensive curriculum that covers key aspects of managing technological innovation, digital transformation, and global business strategy.

Students gain expertise in areas such as project management, innovation strategies, cross-cultural leadership, and global venture creation, essential for thriving in a fast-paced, international environment.

> In addition to coursework, the programme includes seminars, site visits, and projects that allow students to interact with industry leaders and entrepreneurs, expanding their professional networks.

> The programme also emphasizes sustainability and ethical business practices, equipping students to lead responsible, future-proof ventures.

> Classes are held at the centrally located Paris campus, near landmarks like the Eiffel Tower and the Seine River, as well as another campus in La Défense, offering both a rich cultural and academic environment.

> Upon completion, students will earn a Bac+5 diploma with the prestigious MSc – Master of Science label, accredited by the Conference of Grandes Écoles.

THE OBJECTIVES OF THE PROGRAMME

Our graduates will be able to:

> Develop technology evolution strategies aligned with business objectives.

> Design technology product specifications by integrating customer feedback, engineering expertise, and industry standards.

> Select and implement advanced digital technologies to develop innovative solutions.

> Manage cross-cultural human resources and ESG challenges

LA FABRIK - INCUBATOR FOR GOOD

La Fabrik, incubator for Good by OMNES Education, helps students develop projects with positive environmental, cultural, or social impact. It focuses on sustainable innovation and social responsibility, providing entrepreneurs with resources to bring their ideas to life. The incubator fosters collaboration and shared learning to turn early-stage ideas into impactful ventures.

ece.fr

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Programme structure

ENROLL OUR PROGRAMME

Applications from French or international students residing in France

Applications from international students residing outside France

The international admission procedure only applies to you if you are not a French national and live outside France.

SEMESTER 1	ECTS
Innovation Management and Business Development	
Design Thinking & Human Focused Design	2
Innovation Management	2
International Project management	1
Business Development in the technology industry	2
Technology Foundation	
WEB 3.0 and Artificial Intelligence	2
Industry 4.0 / 4.5 / 5.0	2
Cloud Level 3	2
Programming- Level 1	2
Entrepreneurship & Intrapreneurship	
Effectuation, Ideation, & Lean Startup Approach in VUCA world	2
Entrepreneurial Financial Analysis & Cost Engineering	2
International contemporary legal issues in IP management	2
Technology Prototyping in Intelligence Lab & Fab Lab	
Low code / No code	2
Application Case Studies	2
Prototyping platforms	2
UX / UI Design	2

SEMESTER 2	ECTS
Geopolitics & International Business	
Economy and history of the cultural, political, and business relationships	2
Geopolitics Impact on Trade and logistics	1
Geopolitics Impact on Technology	1
Advanced Technologies & AI Ecosystem	
Quantum Computing	3
Next Generation HMI (Human Machine Interface)	2
AI in Intelligent Systems	3
Computer vision	3
ESG & International Human Resource Challenges	
ESG Transition & Transformation	5
Internation Human resources management challenges	5
Smart Data	
Data processing GenAI	3
Data analysis and visualization	3
Dissertation	**20**
Master thesis Methodology	
6-months internship	**10**

This MSc is the result of a dynamic co-creation between two leading schools from OMNES Education: ESCE International Business School and ECE Engineering School. Seamlessly blending technological innovation with entrepreneurial management, the programme embodies the synergy between these institutions, integrating cutting-edge technical expertise with strategic business insights to deliver a well-rounded learning experience. Through this collaboration, students engage in hands-on projects and real-world applications developed by both schools, gaining a comprehensive understanding of managing and innovating within tech-driven global markets.

This co-created MSc is your gateway to mastering the intersection of technology and entrepreneurship on the international stage!

ENTRY REQUIREMENTS

> A first year of higher studies (Bac+4) or equivalent (240 ECTS) degree in fields such as engineering, computer science, business, or related disciplines.

> Basic knowledge of programming, cloud computing, or experience with AI and technology innovation would be beneficial. Experience or strong interest in entrepreneurship and innovation is likely expected

> English proficiency: the minimum score required is the upper intermediate B2 level, 4th level of English in the Common European Framework of Reference (CEFR).

TUITION FEES

French or international students residing in France.

> 11,750 €/academic year.

> An application fee is payable at the time of the application submission: 90 €.

International students residing outside France.

> 12,540 €/academic year.

> An application fee is payable at the time of the application submission: 50 €.

ECE is a school within the engineering sciences cluster of OMNES Education, a private multidisciplinary higher education and research institution. ECE is a member of CTI (Commission des Titres d'Ingénieur), Conférence des Grandes Écoles, UGEI, UN Global Compact, EFMD, Campus France and Innovation Makers Alliance.