

MASTÈRE
SPÉCIALISÉ®

BUILDING TOMORROW'S WORLDS

EXECUTIVE MASTER'S & MASTER OF SCIENCE



Ponts et Chaussées
Executive Education



CONFÉRENCE DES
**GRANDES
ÉCOLES**

A WORD FROM THE HEAD OF EXECUTIVE MASTER'S PROGRAMS

"By joining a Mastère Spécialisé® program at the Ecole Nationale des Ponts et Chaussées, you're preparing to become a player in a world on the move! Energy, environmental, digital and social transitions are at the heart of our 14 full-time or part-time specialized courses, in French or English.

Eight of these courses are run in partnership with other grandes écoles, and all are accredited by the Conférence des Grandes Écoles (CGE).

Every year, they welcome more than 250 vocational trainees! It's in this pedagogical, academic, professional, demographic and cultural diversity that you'll evolve throughout the year. The École provides you with the human and material resources to support you not only during your training, but also throughout your professional life, thanks in particular to our alumni network.

Get involved in the EM community and contribute to the dynamic creation of knowledge and value that has been an integral part of the École Nationale des Ponts et Chaussées' mission since 1747.

The entire team joins me in wishing you every success in your training project at our school."

Estelle REVEILLARD

Head of "Executive Master's" programs

WHAT IS AN EXECUTIVE MASTER'S (MS)?

The Executive Master's (MS) is a diploma accredited by the 'Conférence des Grandes Écoles' (CGE) bearing the label Mastère Spécialisé® (MS).

Our 12 to 15-month Executive Master's programs are offered on a part-time or full-time basis and are taught by instructors from academia and industry who will help you reach your career goals, whatever they may be!

By completing one of these programs, our participants choose to develop a specialization and gain complementary knowledge, helping them stand out in a competitive job market.

WHAT IS AN MSC ?

Students may enroll in a Master of Science degree program after they have obtained a degree equivalent to four years of higher education (Bachelor's degree or **licence**), as for other Master's programs.

MSc graduates have therefore completed five years of higher education.

CONTACTS

Estelle REVEILLARD

Head of Executive Master's Programs

Tél: +33 (0)1 64 15 39 60 • Mail: estelle.reveillard@enpc.fr

Géraldine TRIPPITELLI

Marketing and Communication manager

Tel: +33 (0)1 64 15 38 59 • Mail: geraldine.trippitelli@enpc.fr

Alizé BOURLET

Communication and Events officer

Tél: +33 (0)1 64 15 38 74 • Mail: alize.bourlet@enpc.fr

ÉCOLE NATIONALE DES PONTS ET CHAUSSÉES AT A GLANCE

École nationale des ponts et chaussées is a leading French higher education institute that prepares engineers, future leaders and researchers to tackle the challenges facing society and help transform it.

In addition to its historic prestigious fields of civil engineering and land use planning, the School develops high-level training and research related to the energy transition and broader fields, from Applied Mathematics, to Economics and Industrial Engineering.

Our Executive Master's degrees, accredited by the 'Conférence des Grandes Écoles' (CGE) and bearing the Mastère Spécialisé® label, allow participants to develop a specialization and gain complementary skills and expertise to stand out in the job market.

KEY FIGURES



364

teaching staff in charge of modules



516

researchers and research professors



2,850

professors and lecturers



12

research laboratories



1,410

expert and professional instructors for Executive Education programs



12

EXECUTIVE MASTERS® WITH NEARLY 50 PROFESSIONAL PARTNERS



232

EXECUTIVE MASTER'S GRADUATES IN 2025

1 MSc + 2 EXECUTIVE MASTERS

GAIN KNOWLEDGE AND SKILLS TO DRIVE CHANGE

CHOOSE YOUR SPECIALIZATION



BUILDING

NEW!



REBA - ENERGY RETROFIT OF HISTORIC BUILDINGS

The Executive Master's programme Energy Renovation of Historic Buildings (REBA), created in partnership between the École nationale des ponts et chaussées – Institut Polytechnique de Paris and the École de Chaillot of the Cité de l'architecture et du patrimoine, addresses the challenges of the ecological transition. It is based on a shared vision: to train a new generation of professionals capable of approaching the rehabilitation of heritage buildings with both respect and high standards, and with an in-depth understanding of today's ecological challenges.

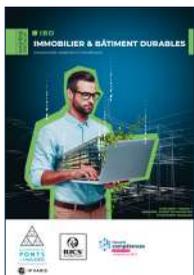
<https://ecoledesponts.fr/formation-continue/mastere-specialise/rehabilitation-bati>



DIGITAL TWINS FOR CITIES AND INFRASTRUCTURE

The international Executive Master's in Digital Twins for Infrastructures & Cities trains engineers and architects in digital twin technology while preparing them to lead the digital transformation. This innovative program taught in English was developed through a partnership between four prestigious universities in Paris, Madrid, Budapest and Istanbul. Online format supplemented with three in-person workshops in Europe. Program starts in October.

<https://www.digitwin4ciue.eu>



IBD - SUSTAINABLE REAL ESTATE AND BUILDING, ENERGY AND DIGITAL TRANSITIONS

This Executive Master's program presents a comprehensive, sustainable approach to building, building refurbishment and management, in order to facilitate relationships between the various parties involved, providing them with a shared culture, whether they are investors, contractors, designers, builders, operators or users. Accredited by the RICS. Program registered with the RNCP. Program begins in January.

<https://ecoledesponts.fr/en/advanced-master-sustainable-real-estate-building-energy-digital-transitions>



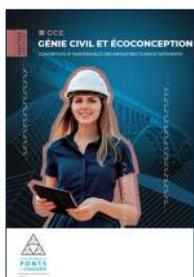
BIM - INTEGRATED DESIGN AND LIFE CYCLES OF BUILDINGS AND INFRASTRUCTURES

This program, co-accredited with ESTP Paris, develops participants' ability to design, build and operate buildings in an integrated way, using digital modeling to support sustainable development. Program starts in September.

<https://ecoledesponts.fr/en/advanced-master-integrated-design-life-cycles-buildings-infrastructures>



CIVIL ENGINEERING



GCE - CIVIL ENGINEERING AND ECODESIGN

This Executive Master's course offers engineers, whether recent graduates or experienced professionals, multidisciplinary, in-depth training in civil engineering in general, and advanced structural analysis in particular. Part-time study possible over a two-year period. Program starts in September.

<https://ecoledesponts.fr/en/advanced-master-integrated-design-life-cycles-buildings-infrastructures>

Part-time

French

Part-time

English

Online

Part-time

French

Part-time

French

Full-time

Part-time

French



GCGOE - **ENGINEERING OF LARGE ENERGY STRUCTURES**

In partnership with energy industry players, this 15-month program on the engineering of large energy structures (nuclear power plants, thermal plants, dams, LNG tanks, wind turbines etc.), is designed for engineers, whether recent graduates or experienced professionals. This Executive Master's program is co-accredited with CentraleSupélec. Part-time study possible over a two-year period. Program starts in September.

<https://ecoledesponts.fr/en/advanced-master-engineering-large-energy-structures>



Full-time

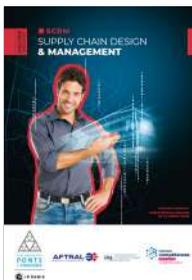


Part-time

French



TRANSPORT AND SUPPLY CHAIN



SCD&M - **SUPPLY CHAIN DESIGN & MANAGEMENT**

This work-study program taught in English, in partnership with AFTRAL, trains senior managers, providing them with a sound understanding of the methodological, instrumental and practical foundations of supply chain management. Program registered with the RNCP. Courses are taught 80% in English and 20% in French. Program starts in October.

<https://ecoledesponts.fr/en/advanced-master-supply-chain-design-management>



Part-time

French
English



STFU - **RAILWAY AND URBAN TRANSPORT SYSTEM ENGINEERING**

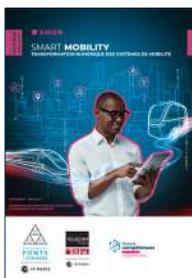
This Executive Master's program for railway engineers and managers provides a comprehensive view of railway and urban transport systems, incorporating technical, economic, institutional and regulatory (French and European) aspects. Program registered with the RNCP. Program starts in September.

<https://ecoledesponts.fr/en/advanced-master-railway-and-urban-transport-system-engineering>



Part-time

French



SMOB - **SMART MOBILITY, DIGITAL TRANSFORMATION OF MOBILITY SYSTEMS**

A high-level technical and managerial program co-accredited with Telecom Paris covering mobility systems organization, transportation systems, opportunities offered by information processing, and the design and management of mobility services. Program registered with the RNCP. Program starts in September.

<https://ecoledesponts.fr/en/advanced-master-smart-mobility>



Part-time

French
English



PUBLIC ACTION



PAPDD - **PUBLIC POLICIES AND ACTIONS FOR SUSTAINABLE DEVELOPMENT**

This program, co-accredited with AgroParisTech, prepares engineers for careers as developers, regulators or operators in the fields of housing and urban engineering, transportation, networks, and territories, as well as local development, environment, sustainable development, energy and development economics. Part-time study possible over a two-year period. Program starts in September.

<https://ecoledesponts.fr/en/advanced-master-public-policies-actions-sustainable-development>



Full-time



Part-time

French

ECONOMICS, MANAGEMENT AND FINANCE



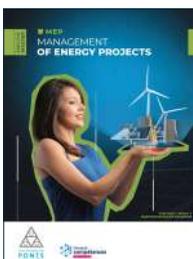
CM - **CRITICAL MATERIALS,**

The Executive Master's program aims to broaden the scope of study to include all potentially critical materials, to move beyond the divide between advocates of extreme scenarios, and to train learners in methodologies and tools that enable them to design sustainable strategies. These strategies are intended to meet the needs of the relevant sectors by relying on a systemic and multidisciplinary approach. The program is taught in English and starts in October.

<https://ecoledespons.fr/en/critical-materials>

Part-time

English



MEP - **MANAGEMENT OF ENERGY PROJECTS**

This Executive Master's program trains project managers, their direct teams and the many parties who contribute to the various components of energy projects, from design to operation (hydroelectric power plants, solar and wind farms, electricity and heat networks, etc.). Program registered with the RNCP. Program starts in September.

<https://ecoledespons.fr/en/executive-master-management-energy-projects>

Part-time

English



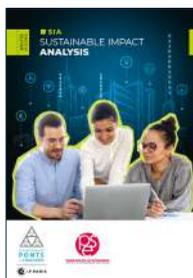
IPF - **INFRASTRUCTURE PROJECT FINANCE**

This internationally-oriented program taught in English provides students with cross-disciplinary knowledge of financial engineering and implementing infrastructure projects in project financing. Program begins in September.

<https://ecoledespons.fr/en/advanced-master-infrastructure-project-finance>

Part-time

English



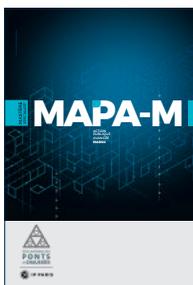
SIA - **SUSTAINABLE IMPACT ANALYSIS**

École nationale des ponts et chaussées's Master of Science in Sustainable Impact Analysis (MSc SIA) is a degree awarded in partnership with the Paris School of Economics. The MSc SIA is a demanding, 12-month full-time program providing students with high-level training in economic calculations based on proficiency in economic evaluation tools for investment projects. It combines a rigorous academic foundation with practical applications in various sectors (urban planning, energy, digital technology, environment, health). Program starts in September.

<https://www.ecoledespons.fr/en/msc-sustainable-impact-analysis>

Full-time

English



MAPA-M - **ADVANCED PUBLIC ACTION MOROCCO**

The Executive Master's in Public Action Morocco, in partnership with Mohammed VI Polytechnic University, combines research and training to support the sustainable development of the African continent. This program developed with prestigious academic partners provides Public Action training for engineers and managers from Morocco and Africa, whether in the public or private sector. Program starts in September.

<https://ecoledespons.fr/en/advanced-master-advanced-public-action-morocco-mapam>

Part-time

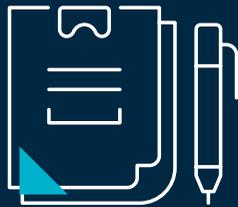
French



34% **66%**



23-60 AGE RANGE



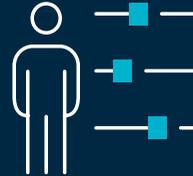
EMPLOYMENT RATE:

84%

of graduates hold permanent contract positions

16%

of graduates hold other positions (fixed-term or temporary contracts)



SECTORS OF ACTIVITY (EMPLOYMENT):

Consulting firms, design offices, engineering

19%

Construction and building

19%

Energy

16%

Industry (including automotive, aeronautical, pharmaceutical, railway)

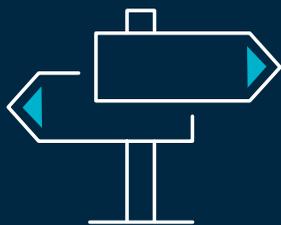
13%

Transport (services)

5%

Others)

28%



STUDENTS' SITUATION BEFORE ENROLLMENT:

72%

other (resuming higher education studies, job seeking, employed etc.)

28%

continuing higher education studies



PLACE OF WORK:

95%

France

5%

International

PARTNERSHIPS

A partnership between your company and our school, École nationale des ponts et chaussées, is based on mutual trust, fostering exchanges of ideas and synergies to address the new challenges of higher education and ecological transition. The various stakeholders must develop new ways of working together to reach a common goal.

This special relationship will help your company:

- Enhance its image, thereby promoting its innovation and communication activities and elevating its prestige and profile by taking part in the various programs we offer
- Foster connections with future graduates in order to access new skills and future specialists, to whom you may propose real case studies to consolidate your own analyses

DIFFERENT PARTNERSHIP ARRANGEMENTS DEPENDING ON THE EXECUTIVE MASTER'S PROGRAM

- Multi-year support by funding training for employees through lifelong learning (RNCP, CPF, OPCO,...)
- Support by funding training for individuals who benefit from tuition assistance programs
- Pre-recruitment and/or sponsoring one or more participants through full or partial scholarships
- Proposing your project or assignment for our Master's students to work on
- Sponsoring study trips
- Financial or material support (e.g., software) through corporate sponsorship

POTENTIAL BENEFITS DEPENDING ON THE EXECUTIVE MASTER'S PROGRAM AND PARTNERSHIP

- Special "corporate partner" rates
- Invitation to Executive Master's program events (including conferences, Masterclasses, graduation ceremonies)
- Displaying your logo on communication materials for the program
- Participation in the program steering committee and/or juries
- Access to the CV database for the cohort
- Opportunity to give a presentation in a lecture hall in front of the cohort

For more information or to partner with us, contact Estelle REVEILLARD, Head of Executive Master's programs: estelle.reveillard@enpc.fr

JOIN OUR ACTIVE ALUMNI NETWORK

PONTS ALUMNI

A recognized public-interest organization founded in 1860, bringing together 21,210 Ponts alumni: civil engineers, engineers in the Corps des Ponts, des Eaux et des Forêts (State engineering corps) and graduates of Masters, PhD and MBA programs.

The alumni network, run by Ponts Alumni, is present in 11 countries and all of the School's sectors of activity. It draws on 22 geographical groups, 17 professional groups, 4 of which include alumni from other prestigious French schools, and 6 social clubs

www.ponts.org



ADMISSION

- Prerequisites:
Degree equivalent to 4 or 5 years of higher education (plus 3 years of professional experience)
- Applications:
based on application file and interview

FUNDING

Depending on the program:

- professional contract
- OPCO, Pôle Emploi, CPF for a program registered with the RNCP
- personal funds, educational leave
- employer

Find testimonials, detailed descriptions of our programs and admissions info at:

<https://www.ecoledesponts.fr/masteres-specialises>



AGENCEZEBBRA.COM - Non-contractual document - Executive Master's Communication Department - February 2026

**ÉCOLE NATIONALE DES
PONTS ET CHAUSSEES**
6 et 8 avenue Blaise Pascal - Cité
Descartes
Champs-sur-Marne
77455 Marne-la-Vallée CEDEX 2




**RÉPUBLIQUE
FRANÇAISE**
*Liberté
Égalité
Fraternité*

