

ENTPE

© Master of Science

MOBILITY MANAGEMENT



WELCOME

ENTPE is a prestigious state-funded engineering school member of the University of Lyon.

Teaching and research at ENTPE are designed to address the evolving demands of the transport sector, civil engineering, urban planning, and environmental sustainability.

The MSc in Mobility Management programme will train high-level professionals with managerial skills and know-how to address contemporary challenges and shape the cities of tomorrow.

MORE INFO:
www.entpe.fr/masters



THE PROGRAMME

Presentation of the MSc programme objectives, structure, accreditation and the key areas covered.

MORE INFO PAGE 2



CURRICULUM & CAREER

Learning model, curriculum syllabus, structure and definition of the core skills to be acquired by the students. Career prospects and professional partners.

MORE INFO PAGES 3 – 4



ADMISSION

Entry requirements, tuition fees and academic calendar.

MORE INFO PAGE 5





© Master of Science
MOBILITY MANAGEMENT

SHAPING THE FUTURE OF SUSTAINABLE MOBILITY

About

The ENTPE **Master's programme in Mobility Management** combines the disciplines of transport economics, transport policy and planning, mobility engineering, spatial planning and urban environment into a single study programme.

OBJECTIVES

The programme aims to foster international academic and professional exchanges through a multidisciplinary approach focused on Europe's environmental, societal, and technological challenges. Students will develop advanced skills in transport planning, data analysis, and mobility management, acquiring managerial and technical expertise to shape transport systems, policies and regulations.

STRUCTURE

The first and second semesters are dedicated to the core modules and seminars. From the mid-second semester onward, students will gain professional experience in a recognised company and develop a master's dissertation.

ACCREDITATION

The Mobility Management Master programme is accredited by the Conférence des Grandes Écoles (CGE) and complies with the quality requirements to guarantee a successful professional integration.

KEY AREAS COVERED

- Multimodal management
- Sustainable mobility
- Urban Transitions
- Behavioural change
- Integrated planning
- Demand Analysis
- Road safety and security
- Transport economics
- Regulation
- Operationalisation
- Policy assessment
- Public consultation
- Policy communication
- Smart transport systems
- Urban logistics
- Transport Innovation
- Data-informed planning
- Modelling & Machine learning
- Decision-Support tools



MOBILITY MANAGEMENT



CURRICULUM

The ENTPE MSc in Mobility Management is a one-year, full-time English-taught programme comprising 60 ECTS, divided into two semesters. The curriculum combines 40 ECTS of teaching modules and 20 ECTS for the master dissertation and work placement.

MODULES

Semester 1

- Mobility Management (4,0 ECTS)
- Land-Use and Transport Planning (3,5 ECTS)
- Design of Dedicated AV-based Services (2,5 ECTS)
- Transport Data and Machine Learning (3,0 ECTS)
- Urban Logistics (3,0 ECTS)
- Mobility Modelling (2,5 ECTS)
- Spatial Analysis (3,0 ECTS)
- Research Seminar (3,5 ECTS)

Semester 2

- Sustainable Urban Mobility Plans (4,0 ECTS)
- Environmental Impacts of Transport Systems (2,5 ECTS)
- Mobility Management II (2,5 ECTS)
- Transition Towards Sustainable Mobility (2,5 ECTS)
- Research Seminar (3,5 ECTS)
- Master Dissertation (10,0 ECTS)
- Work Placement (10,0 ECTS)

Learning Model

- 1. Theory based-learning**
- 2. Face-to-face lectures**
- 3. Project-based approach**
- 4. Case-studies**
- 5. Workshops**
- 6. Seminars**
- 7. Work placement**

Using different learning methods will keep students engaged and motivated as they are exposed to other ways of thinking and problem-solving. Such an approach is well-aligned with student's interests and career goals, making the pathway relevant and fulfilling.



CAREER PROSPECTS

Graduates with the ENTPE MSc in Mobility Management are equipped with a unique blend of technical, analytical, and managerial skills. Below are some of the promising career pathways:

Urban Transport Planner: Graduates can work with local authorities, urban planning agencies, and consultancies to design and implement efficient, sustainable, and user-friendly transport systems. This includes developing strategies for public transport, cycling infrastructure, pedestrian areas, and traffic management.

Mobility Consultant: Working with public or private organisations, mobility consultants provide expert advice on improving urban transport systems, integrating new technologies and optimising mobility solutions.

Sustainable Transport Policy Adviser: With the growing emphasis on reducing carbon emissions, graduates can work with governments, NGOs, or international organisations to develop policies and strategies that promote sustainable mobility, including electric vehicles, shared mobility, and public transport innovations.

Project Manager for Urban Mobility Solutions: As urban transport systems undergo transformation, there is a growing need for project managers who can oversee the implementation of new mobility systems, such as autonomous vehicles, electric transport infrastructure, and high-speed rail networks.

Transport Project Developer: In the private sector, graduates can work with construction and infrastructure companies on large-scale urban projects, such as the development of transport hubs, transit-oriented development (TOD) projects, and innovative city initiatives.

Researcher and Academic: Those passionate about research can pursue academic careers within research institutions or universities, contributing to developing innovative transport solutions.

OUR NETWORK






Forschung & Beratung GmbH





DU VÉHICULE DÉCARBONÉ ET COMMUNICANT ET DE SA MOBILITÉ







WORLDWIDE MOBILITY SOLUTIONS





MOBILITY TOMORROW





La voiture est un transport collectif



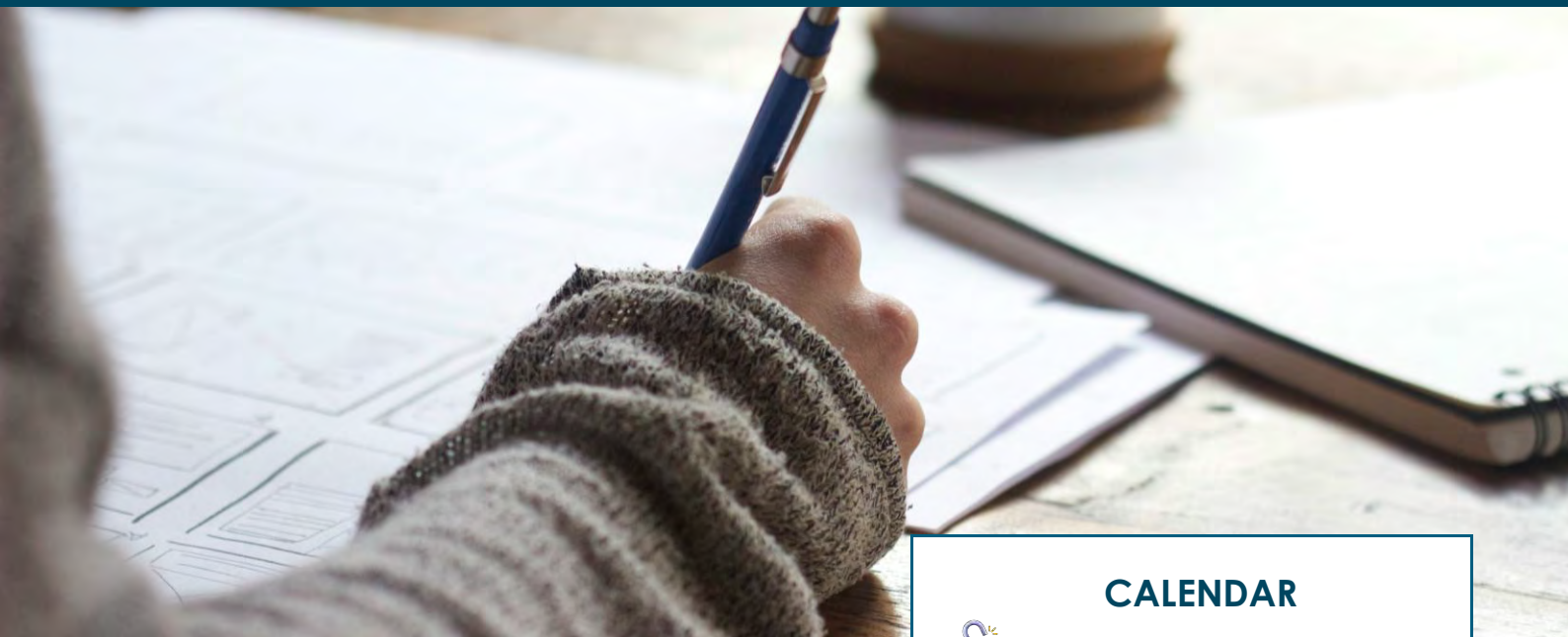
le vélo au quotidien





Conseil pour la performance publique





ADMISSION

ENTRY REQUIREMENTS

All applicants must hold a Bachelor's Degree (180 ECTS or BAC+4) from an internationally recognised university in a relevant academic field, such as civil and transport engineering, spatial and urban planning, environmental science and geography.

English language proficiency equivalent to C1* advanced, achieving the minimum required scores in the following internationally recognised English tests:

- IELTS Academic (Overall score of 7.0)
- TOEFL IBT (Overall score of 95)
- TOEIC (Overall score of 945)
- Cambridge CAE (Overall score of 180)
- PTE Academic (Overall score of 76)













*Students with a B2 level are eligible and enrol in the elective language courses to meet the requirements for the program.

APPLICATION*

- Curriculum Vitae (max. two pages A4)
- Cover letter (max. 1 Page A4)
- Bachelor's degree certificate
- Transcript of records
- Proof of English proficiency
- Letter of Recommendation (optional)
- Proof of relevant work experience
- Interview with pre-selected candidates

* All documents should be written or translated into English.

CALENDAR

-  April: Application opens
-  July: Application deadline
-  August: Admission results
-  September: Enrollment
-  October: Programme start
-  1st semester: MSc Modules
-  January: Exams
-  2nd semester: MSc Modules
-  2nd semester: Work Placement
-  2nd semester: MSc Dissertation
-  August: Exams
-  November: Graduation

TUITION FEES* 2025-2026

EU and Non-EU citizen

Normal fee: 14 000 €

*Tuition fee reduction based on academic excellence, financial need and social inclusion criteria.



ADDITIONAL INFORMATION CONTACT
 Isabel Cunha, Head of the MSc in
 Mobility Management programme and
 Assistant Professor at the ENTPE, University
 of Lyon.

isabel.cunha@entpe.fr