Université Paris-Saclay

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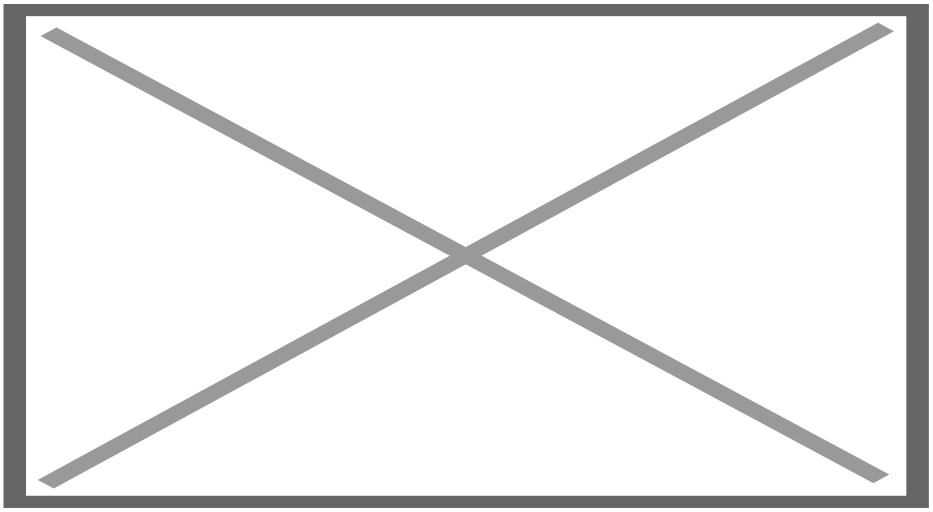
M2 Economics of mobility and transport

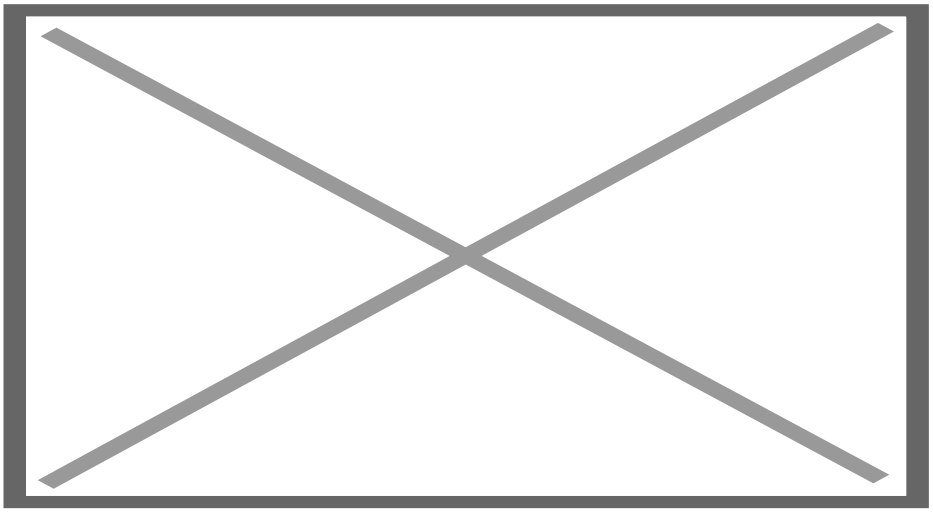
Master's degree
Specialisation Environmental, Energy and Transport Economics
Enrolment type
Formation initiale
Language(s) of instruction
English
French

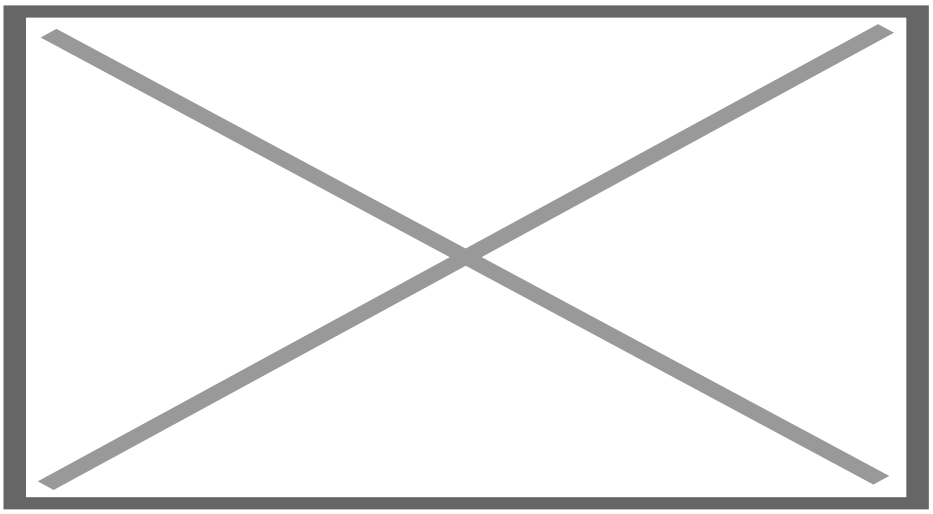
www.master-eeet.fr

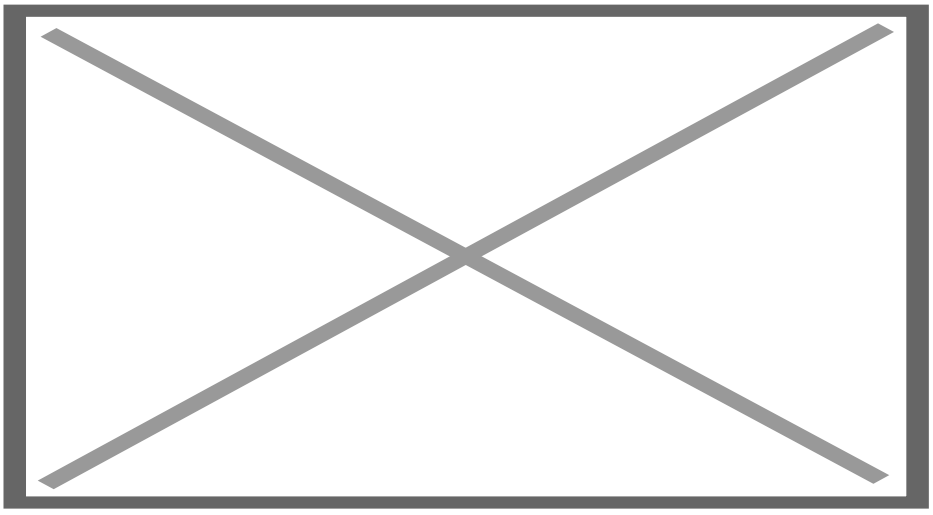
This 2nd year Master's includes courses from September to March and an internship to defend a thesis between July and November.

Télécharger la fiche détaillée
Apply Now









Information

- Overview
- Application requirements
- Schedule

Présentation

Skills

The competencies acquired on completion of the curriculum include the capacity to: Analyse, model, quantify and economically evaluate transport and mobility projects and policies, incorporating energy and environmental transition issues.

Objectives

This programme is run jointly by CentraleSupélec for Université Paris-Saclay and École des Ponts (co-accredited institution). It benefits from teaching support from the IFP School (co-accredited institution). This course has several objectives: • In the transport sector, the ongoing revolution requires executives trained in economic aspects, and above all executives with dual competencies in engineering and economics. • Many 1st year Master's students, as well as engineering students from partner schools (CentraleSupélec, Ecole des Ponts ParisTech), are looking to learn more about sustainable transport and smart mobility. • Implementing the ecological transition in transport and mobility requires advanced technical competencies in logistics, capping of peaks and smart energy management, which all demand a high level of qualification in quantitative fields. The challenge of decarbonising the transport sector, which is still extremely dependent on oil, requires both engineering and economic competencies, combined with the conceivable options to bring about this transition. But it also requires in-depth empirical knowledge of the sector, a global vision of life cycle analyses and other eco-balances, including their indirect and global consequences, as well as competencies in other areas of the economy (territorial conflict management, negotiation, etc.). However, the wide range of competencies is a defining feature of the track. The primary objective of this course is to offer a curriculum in all aspects of economic modelling in the fields of transport and mobility, as well as more global, societal, climate and natural resource (biodiversity) issues through economic aspects, with an analytical and forward-looking dimension. Graduates must have the skills to develop strategies to address challenges related to mobility, energy, land use planning, and the environment— in particular with regard to climate change, land development, water and air pollution, and the transition to a carbon-free world. They must be able to integrate these strategies into their production, services, consulting and finance professions. They also need to have the scientific knowledge that will enable the most motivated among them to pursue careers in both private and public research. Fundamental research-oriented courses will provide the conceptual and theoretical elements required to achieve these objectives. Thematic courses focusing on practical issues, and how they are managed, in various sectors (new energies, smart mobility, etc.) enable students to enter different professional environments with the necessary expertise to perform a management function. To access detailed course content go to Programme and Semester.

Admission

Capacity

Available Places

20

Target Audience and Entry Requirements

The course is open to students from the 1st year Master's EEET or other 1st year Master's courses at other universities, after examination of their applications. A direct entry stream into 2nd year Master's is also envisaged. Candidates must have a 1st year Master's in economics with a quantitative component, or a Bac+4 level qualification from an Ecole Normale Supérieure, an engineering school, a business school, a university (1st year Master's in mathematics, finance, management, etc.), or any other French or foreign qualification deemed adequate by the jury.

Période(s) de candidature

Inception Platform

From 15/03/2026 to 30/05/2026

Supporting documents

Compulsory supporting documents

Motivation letter.

All transcripts of the years / semesters validated since the high school diploma at the date of application.

Certificate of English level.

Curriculum Vitae.

Additional supporting documents

Rank of previous year and size of the promotion.

VAP file (obligatory for all persons requesting a valuation of the assets to enter the diploma).

Document indicating the list of local M2 choices available here : https://urlz.fr/i3Lo.

Supporting documents :
- Residence permit stating the country of residence of the first country
- Or receipt of request stating the country of first asylum
- Or document from the UNHCR granting refugee status
- Or receipt of refugee status request delivered in France
- Or residence permit stating the refugee status delivered in France
- Or document stating subsidiary protection in France or abroad
- Or document stating temporary protection in France or abroad.

Programme

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed	Lecture/practical	directed study/practical class
The economics and modeling of infrastructure Charger le détail	3	Semester 1	24					
Simulation and optimization of mobility systems Charger le détail	3	Semestre 1	24					
Economic Models, Environment and Innovation Charger le détail	3	Semester 1	24					
Challenges and Definitions of Sustainable Mobility Charger le détail	3	Semester 1	24					
Mobility as a service, plateformes multifaces Charger le détail	3	Semestre 1	24					
Energy Economics Charger le détail	3	Semester 1	24					
Economics of Market Design for Energy and Mobility transitions Charger le détail	3	Semestre 1	24					

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class
UE libre "Fondamentaux" dans le cursus ingénieur CentraleSupélec, ENSAE, ENPC ou dans d'autres parcours du M2 EEET	3	Semestre 1	24					
Charger le détail								

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class
Econometrics	2	Semester 1	20					
Charger le détail								
Ecological Accounting	2	Semester 1	20					
Charger le détail								
Economics of risk and uncertainty	2	Semester 1	20					
Charger le détail								
UE libre METHODES dans le cursus ingénieur CentraleSupéélec, ENPC, ENSAE, Mines ou autres parcours du Master EEET	4	Semestre 1	24					
Charger le détail								
Computable general equilibrium modeling	2	Semester 1	24					
Charger le détail								
Analysis of the energy demand and efficiency	2	Semester 1	24					

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed	Lecture/practical	directed study/practica class
Charger le détail Life cycle analysis	2	Semester 1	24					
Charger le détail								

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed	Lecture/practical	directed study/practical class
Applied cases studies of market design for energy and mobility solutions	2	Semestre 2	24					
Charger le détail Case Studies of mobility modeling	2	Semestre 2	24					
Charger le détail Invited professor master class	2	Semestre 2	24					
Charger le détail Decision-Making under Uncertainty and Decarbonization of Industry	2	Semester 2	30					
Charger le détail UE libre "Formation par la recherche" suivie dans le cursus ingénieur CentraleSupélec, ENSAE, ENPC ou Mines.	2	Semestre 2	24					
Charger le détail Research Seminar in the economics of energy transition in transports	2	Semester 2	24					

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class

Charger le détail

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class
Economics of transportation	2	Semester 1	20	4				

Charger le détail

Transport externalities: elements of analysis	4	Semester 1	30	6				

Charger le détail

UE libre "Thématique" suivie dans le cursus ingénieur CentraleSupélec, ENPC, ENSAE ou Mines	2	Semestre 1	24					

Charger le détail

Green Finance	2	Semester 1						

Charger le détail

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class
UE libre "Ouverture" dans le M2 Economie de l'énergie ou M2 EDDE	1.5	Semestre 2	24					

Charger le détail

Law of renewable energy	1.5	Semester 2	24					

Charger le détail

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class
UE Libre "Ouverture" suivie dabs le cursus ingénieur CentraleSupélec, ENPC, ENSAE, Mines.	1.5	Semestre 2	20					
Charger le détail								
Energy and environmental European Law – electricity market regulations	1.5	Semester 2	20					
Charger le détail								

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class	distan learn cou
Anglais	2	Semestre 1	20						
Charger le détail									
Validation TOEIC, TOEFL ou équivalent	1	Semestre 2							
Charger le détail									

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practica class
Sciences de l'environnement et de l'énergie	0	Semestre 1	6					
Charger le détail								
Macroeconomics	0	Semester 1	24					
Charger le détail								
Refreshers course in microeconomics	0	Semester 1	18					
Charger le détail								

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practica class
Refresher in Statistics and Probability	0	Semester 1	24					

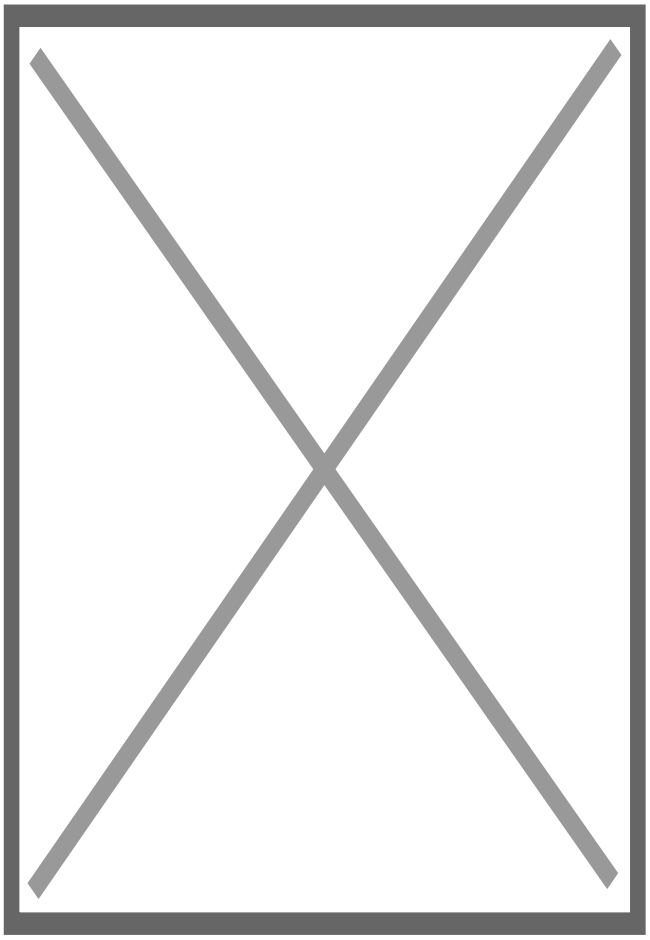
Charger le détail

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class	distan learni cours
Mémoire et stage	20	Semestre 2							

Charger le détail

Training campus

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Voir
Student restaurant (CROUS)
Library
Sports facilities
Student residence

Contact

- **Yannick PEREZ**

  Professeur

- **CentraleSupélec SUPPORT SCOLARITE**

  Support scolarité

http://www.universite-paris-saclay.fr/formation/master/economie-de-lenvironnement-de-lenergie-et-des-transports/m2-economie-des-transports-et-des-mobilites