The Mastère Spécialisé® - Advanced Master in “Infrastructure Project Finance” is a fast-track and multi-disciplinary course fulfilling a high demand of professionals in the Project Finance Market.

Our Objectives

The objectives of the Infrastructure Project Finance (IPF) program is to provide students with multidisciplinary knowledge on different areas of expertise in infrastructure project finance including engineering, construction, operations, financing, guaranties, insurance and legal practices. With a curriculum based on real case studies and classes provided by professionals with significant experience in the subject, the master acts as a fast track program to a successful career in infrastructure finance and investment.

This Mastère Spécialisé® (Advanced Master) accredited by La Conférence des Grandes Écoles is aimed to develop the abilities required to integrate the different areas of expertise in Infrastructure Project Finance including engineering, construction, operations, financing, guaranties, insurance and legal practices. The skills acquired in this program will enable participants to work in an international environment in the construction industry, finance institutions or rating agencies, banks, insurance companies, investment funds for infrastructures, development banks or equivalent, audit firms, law firms, administrations and public sector institutions.

SKILLS ACQUIRED

The aim of this program is to enable you:
- to develop the abilities required to integrate the different areas of expertise in infrastructure project finance combining engineering, construction, operations, financing, guaranties, insurance and legal practices
- to learn to negotiate within the constraints of the different stakeholders involved in a project.
- to acquire the knowledge necessary to develop appropriate term sheets for construction & operations, financing, and contractual & legal aspects of a project.

CAREER PROSPECTS

The skills acquired will enable participants to work in Europe and abroad in:

- Construction industry
- Finance institutions & rating agencies
- Banks
- Insurance companies
- Investment Funds for Infrastructure
- Development Banks or equivalent
- Audit firms
- Law firms
- Administrations
- Public sector institutions

Program Assets

- Diversity of courses taught by prestigious Academics and Professionals.
- This model allows students to acquire critical thinking and risk analysis abilities.
- Diverse student population reflecting multiple cultures and disciplines.
- This corresponds to the current demand of future employers seeking teams that are multicultural and multidisciplinary.
- The courses will be taught entirely in English.
- Global work opportunities for students: Following graduation, 30% of the participants will work abroad.
- Collaboration with American universities will be developed in the near future to provide the opportunity for dual degree diplomas. Similar collaborations with other universities around the world are also being considered.
- Graduates access the program active alumni at École des Ponts ParisTech.
Program syllabus

The program is 12 months in duration and includes 380 hours of lectures, divided into 18 modules and a professional assignment of a minimum of 5 months and an applied research thesis.

The program includes:

**Introduction to Project Finance**
- Fundamentals of corporate finance
- Basic mathematical and modeling skills
- Spreadsheet skills for modeling
- Conferences on economic sectors
- Conferences on the principals and stakeholders
- Essentials of Project Management

**Technical skills**
- Tax, accounting and legal issues
- Hedging instruments
- Modeling
- Leasing & structured finance
- Management skills
- Negotiating in a multicultural environment
- Communication skills
- Compliance, CSR and Ethics

**Project case simulation**
- Application to industrial sectors
  - Financing energy projects
  - Financing innovation and venture capital
  - Financing real estate projects
  - Financing acquisitions and LBOs

**Professional Assignment and Thesis: 5 months**