



## Mastère Spécialisé® Advanced Master in

# Infrastructure Project Finance

### SKILLS ACQUIRED

The aim of this program is to enable you:

- **to develop** the abilities required to integrate the different areas of expertise of 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

*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 objective of the Infrastructure Project Finance IPF program is to provide students with multidisciplinary knowledge on different areas of expertise of engineering, finance and law applied to complex infrastructure projects finance. With a curriculum based on real case studies and classes provided by professionals experts, 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

### Program Assets

- The different model allow students to acquire critical thinking and risk analysis abilities.
- The program has a diverse student population reflecting multiple cultures and disciplines.
- The program is aligned with the current demand from future employers seeking teams that are multicultural and multidisciplinary.
- All courses are taught in English.
- Global work opportunities for students: Following graduation, around 50% of our graduates will work abroad.
- Collaboration with prestigious 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.
- All Graduates will have access to the program Active alumni at École des Ponts ParisTech.



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### TEACHING VENUES

The program will be taught in Ile-de-France at

**École des Ponts ParisTech**  
Cité Descartes - Champs-sur-Marne  
6 et 8 avenue Blaise-Pascal  
77 455 Marne-la-Vallée

### TIMETABLE

Applications from December to July.

### PLACES

30 to 40 students per academic year

### ECTS CREDITS

75 ECTS including 45 ECTS for the modules and 30 ECTS for the thesis

### COST

€16,000 for students who pay for the course themselves.  
€19,000 for students for whom the course is financed by a company or organisation.  
These prices are subject to change

### CONTACTS

#### Clive GALLERY

Program Director

**Hélène BONNET LE BRAS**

Program Assistant

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### Program syllabus

The program lasts for 12 months and includes 360 hours of lectures, divided into 16 modules, a Professional Assignment for a minimum of 5 months and an Applied Research thesis.

The Program Structure is as follows:

#### Introduction to Project Finance

- Conferences on Principals and Stakeholders
- Fundamentals of Corporate Finance
- Spreadsheet skills for Modeling
- Conferences on Public-Private Partnerships
- Essentials of Project Management

#### Technical skills

- Tax, Accounting and Legal
- Financial Analysis for Infrastructure Projects
- Hedging instruments and Risk coverage
- Modeling
- Leasing & Structured Finance

#### Management skills

- Negotiating in a multicultural environment
- Corporate and Social Responsibility

#### Application to industrial sectors

- Financing Energy projects
- Financing International Infrastructure Projects
- Financing Infrastructure Projects in France
- Final Case Study

**Professional Assignment and Thesis: 5 months**



Non-binding document