



Advanced Master in

Infrastructure Project Finance

SKILLS ACQUIRED

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

Our Objectives

The objectives of the Infrastructure Project Finance IPF Advanced Master 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 with significant experience in the subject, the master acts as a fast track program to a successful career in infrastructure finance and investment.

This Advanced Master 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

Programme 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 Masters 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

Duration of course: from early September until end of January
Course frequency: from Wednesday afternoon to Saturday morning
The split-week schedule format allows participants to work at an internship or professional activity
Applications: May to August

PLACES

20 to 25 students per academic year

ECTS CREDITS

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

COST

€15,000 for students who pay for the course themselves.
€18,000 for students for whom the course is financed by a company or organisation.
These prices are subject to change

CONTACTS

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Programme syllabus

The program is 12 months in duration and includes 420 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



Non-binding document