Mastère Spécialisé®
Executive Master in
Smart Cities Engineering and Management
Although there is a specific French approach to the integrated sustainable city, based on respect for cultures, history and an appetite for innovation, I note that we have little weight on the international scene, in the face of better coordinated economic powers. We must aim to get competitors within France to unite and come closer together in order to conquer markets abroad.

With this demanding and ambitious English-language course, inspired by design thinking, and bringing together a number of different partners, we aim to do our utmost to make you a leader of this movement.

Thierry SIMOULIN Programme Director
Skills acquired

In addition to the study of innovative technological aspects, combined with the specific features of each particular territory, the aims are:

- to provide the expertise required to manage multi-stakeholder complex projects,
- to anticipate changes in the business models of urban service operators,
- to provide the means to design adapted and innovative governance systems, that depend upon many different, sometimes antagonistic, administrative authorities,
- to understand and manage the impact of “data” on the city,
- to help local authorities take in consideration « smart-citizen »,
- to be fully aware of the opportunities offered by digital transformation for urban planning (Fab city, autonomous cars...).

Your career prospects

The skills acquired will enable participants to work in local authorities, design firms and companies in projects for the development of products or services related to urban planning.

Programme STRENGTHS

- The systemic view of the city
- The integration of innovation and collaborative approaches
- Its international reach
- The close partnership with sector professionals
- The experience and diversity of participants representing different industry players

Careers

Holders of this degree will be able to pursue the following careers, amongst others:

- Engineer,
- Architect, Urban planner,
- Digital city experts,
- Engineering consultant,
- Project coordinator,
- Public or private project developer,
- Assistant to project developer,
- Industrial product manager,
- Operator,
- Project director.
Profiles and qualifications required
Candidates must hold a 4/5-year higher education diploma (Bac+5 or Bac+4 with professional experience).

Admission
• Candidates are eligible to enrol in the course after selection of their application by a jury (fill the form available online http://smart-cities.enpc.fr).
• Candidates are admitted after an interview that measures the pertinence of the programme with their own educational qualifications and professional plans.

Languages
The programme will be taught in French.

Timetable
Applications: April to November.
Course begins: start of January.
Duration of course: 10 modules, from January to December (one week per month).
Places
20 to 40.

Validation
350 h of lectures - Thesis.
Credits (ECTS)*
75 ECTS (30 ECTS for the thesis, 45 ECTS for the modules).

Institutional Partner
This Executive course is supported by Vivapolis, the international French trademark for “sustainable cities”

Business Partners
Alstom, Bouygues.

Teaching venue
The programme will be taught at the following establishment:
l’École des Ponts ParisTech
Cité Descartes – Champs-sur-Marne
6 et 8 avenue Blaise-Pascal
77 455 Marne-la-Vallée - FRANCE
www.enpc.fr

Cost
• €13,250 for students who pay for the course themselves.
• €16,250 for students for whom the course is financed by a non-partner company or organisation.
• €14,750 for students for whom the course is financed by one of the Advanced Master funding partner company or organisation.
These prices are subject to change.

Financing
Course fees can be financed by the Executive programme partners.

Contact us
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