

EPF Campus, Troyes



Summer School

Smart CITIES & ENGINEERING for Sustainable Architecture

A 3-week program
taught in English

July 3rd – July 21st 2017
Paris and Troyes



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Centre-ville de Troyes



A Summer School of Applied Sciences

EPF-ESTP Paris Summer Program on Smart Cities & Engineering for Sustainable Architecture offers an in-depth study on topics such as engineering for eco-cities and smart cities, green issues, city planning and architecture for the future.

Is mainly designed for Undergraduate and Master students with a major in Engineering or Architecture.

The program is composed of 2 modules :

The module in Paris (Sceaux/Cachan) focuses on topics such as eco-cities and smart cities, city planning, spatial planning and economic issues for sustainable development.

The module in Troyes (in Champagne region) focuses on practical application using innovative teaching methods and modern technology. A 2-week workshop based on a real case study suggested by the division of Urban and Sustainable Planning of Troyes will be organized.

Students will be evaluated at the end of the program and will receive **6 ECTS credits** upon successful completion of the modules.

Academic Topics

- Eco cities/smart cities: on overview of smart cities/projects in Europe
- City planning/architecture for the future
- Economic issues for sustainable development
- Engineering for durable cities and buildings
- Thermal comfort and indoor climate
- Energy efficiency in buildings
- Materials and structure for building preservation

Cultural visits and field trips

- Museum for Architecture and Cultural Heritage, Paris
- Bateaux mouches cruise on the Seine river, Paris
- Visit of the Domain and Castle of Sceaux
- Visit of Troyes medieval City center, organized by the Urban and Sustainable Planning Department of Troyes' City Hall
- Visit of a Champagne vineyard in the Champagne-Ardennes region

All students will be initiated to the French language in addition to cultural visits, which will contribute to a perfect understanding of the local social and professional environment.

Application and Fees

The program fee of **1.700 euros** covers:

- ✓ tuition and documentation
- ✓ welcome and farewell events
- ✓ access to EPF and ESTP Paris facilities
- ✓ free internet access
- ✓ official program certificate
- ✓ cultural and social events
- ✓ transfers from Sceaux/Cachan Campuses to Troyes Campus.

For students coming from universities in partnership with EPF and ESTP Paris, a special fee of 1.500 euros may apply. A group discount may be awarded.

Living expenses, individual insurances and visa fees are not included.

Accommodation and Support

Accommodation in student residences will be organized by EPF-ESTP Paris upon request. Shops and transports will be easy to reach.

Lodging expenses: 750€ for 3 weeks (if organized by EPF/ESTP).

Application deadline :
May 1st, 2017