

Field of study **Sciences and engineering**

Training available in

Initial training

Continuing education

Recognition of prior learning

How to apply :

<https://www.univ-gustave-eiffel.fr/en/formation/applications-and-enrolment/applications>

Course venue :

Campus Marne la Vallée - Champs sur Marne - Bâtiment
Lavoisier 5 Boulevard Descartes 77420 Champs-sur-Marne

Calendar :

Work placement period: 5 months minimum, starting in March.

Contacts :

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More information :

For further details :

<https://www.univ-gustave-eiffel.fr/international/etudiants-internationaux>

Service Information,

Orientation et Insertion Professionnelle (SIO-IP) :

sio@univ-eiffel.fr / Tel : +33 1 60 95 76 76



Master's degree Sustainable Urban Development



École des Ingénieurs de la Ville de Paris (EIVP)

Master's degree M2

TO GET THERE

This Master's degree is open to students who have completed an M1 or equivalent.

ACQUIRED SKILLS

The M2 in Sustainable Urban Development programme aims to train professionals capable of addressing urban and environmental challenges for the cities of the future (the compact city, sparsely populated urban contexts, interfaces and outskirts, etc.) at different levels (district, city, territory). Without seeking to be exhaustive, the Sustainable Urban Development programme focuses on the spatial, technical and societal challenges around the design and management of urban systems (housing, infrastructure, tangible and non-tangible technical networks).

The course is positioned at the intersection between technology and social issues, aiming to be a window onto the contemporary transformations of development and urban engineering, for energy-saving, resilient and innovative cities in conversation with the surrounding territory.

YOUR FUTURE CAREER

The Master's prepares graduates for the following roles: project manager, survey engineer, operations manager, research officer, etc.

The main employers are local and territorial authorities, planners, environmental service companies, urban and architectural programming and project management agencies, engineering companies, design offices and public companies.

Graduates can also pursue their studies with a PhD thesis, if they wish to have a career in the academic world or subsequently work in a company or local authority.

BENEFITS OF THE PROGRAM

The Master's in Urban Engineering is particularly connected to the professional and scientific world, both through the composition of the teaching team and the course's pedagogical practices (workshops, work or laboratory placements, etc.).

More information



PROGRAM

SEMESTER 3

UE1 INTEGRATION (ECTS:2)

- Aménagements durables
- Logiques foncières et économie de l'aménagement

UE2 TRANSITION, ADAPTATION ET RESILIENCE DES SYSTEMES SOCIO-TECHNIQUES URBAINS: FONDEMENTS THEORIQUES (ECTS:8.5)

- Transformations contemporaines de l'aménagement urbain
- Nature et alimentation dans les systèmes territoriaux
- Villes, territoires et énergies
- Métabolisme urbain
- Adaptation et résilience urbaine
- Ville connectée

UE3 ATELIER PROJET EN GENIE URBAIN (ECTS:19.5)

- Projet d'aménagement urbain
- Aménagement opérationnel
- Techniques urbaines pour le projet: atelier énergie
- Techniques urbaines pour le projet: atelier eau
- Techniques urbaines pour le projet: atelier métabolisme
- Atelier projet RU²- risque urbain, résilience urbaine

SEMESTER 4

UE4 OUTILS, METHODES, LANGUES (ECTS:9)

- Évaluation environnementale
- Observer et représenter l'urbain
- WCS - workshops, colloques, séminaires
- Anglais
- Organisation de la donnée

UE5 MÉMOIRE DE MASTER (ECTS:15)

- Méthodes pour la recherche
- Mémoire de master

UE6 STAGE (ECTS:6)