

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 - Noisy le Grand - Bâtiment Alexandra-David-Néel 2 allée du promontoire 93160 Noisy-le-Grand

Calendar :

Semester 3: theory, October-January; Semester 4: work placement, 5 to 6 months between February and September.

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 Risks and the Environment The Environment and Geomaterials



Institut Francilien des Sciences Appliquées (IFSA)

Master's degree M2

TO GET THERE

Students who have passed M1 of this Master's are automatically admitted to M2. Students who have completed a different first-year Master's course in the fields of the environment, science, technology or health, or graduates from engineering schools, may enrol in one the Master's specialisations subject to agreement by the teaching committee. Lifelong learning applicants may be able to validate some of the units based on their professional experience. They must submit a specific application (please contact the relevant course director).

ACQUIRED SKILLS

The Environment and Geomaterials specialisation aims to: - provide the fundamental knowledge needed to analyse environmental pollution (aquatic and terrestrial) due to urban, industrial and agricultural activities, and to analyse the life-cycle of geomaterials (from production to recycling); - provide the necessary tools for an environmentally-friendly approach (law, ISO standards, HQE, etc.).

YOUR FUTURE CAREER

The Environment and Geomaterials programme of the Risks and the Environment Master's aims to prepare students for careers in education or the research sector of public or semi-public organisations and professional technical centres. It also opens doors to careers in the research and development departments of large and medium-sized companies with a focus on environmental enhancement and sustainable development (design offices). It leads to environmental careers as an engineer or researcher in the following fields: pollution analysis and control (water and soil); management and treatment of pollution (water, soil) and waste; organisation of waste recovery chains; observation and management of environmental hazards; analysis and management of natural hazards; development of hazard-prevention plans; study and application the environmental regulations in force.

BENEFITS OF THE PROGRAM

Site visits to incineration plants, technical landfill sites, decontamination sites, water treatment plants, etc. and contributions from professionals provide an open-minded view of environmental fields. Teaching is based on case studies and mini projects to strengthen the practical aspects of several units.

More information



PROGRAM

SEMESTER 3

legislation/standards/Safety (ECTS:3)
Soil pollution diagnosis (ECTS:3)
Engennering Geology, Geotechnics (ECTS:3)
Waste management (ECTS:3)
water pollution (ECTS:3)
water treatment technology (ECTS:3)
Soil pollution (ECTS:3)
waste storage matrices (ECTS:3)
Quality Safety Environment (ECTS:3)
Visits (field and compagnies) and conferences (ECTS:3)

SEMESTER 4

Long period intership (ECTS:30)