

Field of study **Sciences and engineering**

Training available in

Initial training

Continuing education

#### 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 1: October-January; Semester 2: February-September

#### Contacts :

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Academic coordinator

Leilani MONTEALEGRE (M1)

Academic secretary

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Office : B109

#### 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](mailto:sio@univ-eiffel.fr) / Tel : +33 1 60 95 76 76



## Master's degree Risks and the Environment Risks and the Environment



Institut Francilien des Sciences Appliquées (IFSA)

Master's degree M1

#### TO GET THERE

This Master's is available at M1 level to students who have completed a Licence degree in science. Students with a professional Licence or a degree from certain engineering schools may also be accepted. Admission is on the basis of application. 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 first year of the Master's aims to: - provide the fundamental knowledge needed to analyse and understand the environment in the context of sustainable development; - prepare students for further study, particularly through one of the two Risks and the Environment Master's programmes.

#### YOUR FUTURE CAREER

The first year of the Risks and the Environment Master's aims to prepare students for further study through a second-year research or professional Master's research course specialised in the environment. Our university offers two programmes in this field: Geohazards and the Environment and Geomaterials.

#### BENEFITS OF THE PROGRAM

Field trips to different sites. English classes in both semesters, introduction to the business world, communication Possibility to carry out an individual project or a work placement in a laboratory or a company, Introduction to a range of tools (GIS, remote sensing, programming, physico-chemical analysis, data processing).

More information



# PROGRAM

## SEMESTER 1

**Target Earth** (ECTS:3)  
**Pollution : air/water/soil** (ECTS:3)  
**Large Cycles : bio-geo-chemical** (ECTS:3)  
**Applied geophysics** (ECTS:3)  
**Géomaterials in their environment** (ECTS:3)  
**Image and signal processing** (ECTS:3)  
**Introduction à l'entreprise** (ECTS:3)  
**Communication and documentation** (ECTS:3)  
**Scientific English** (ECTS:3)  
**Applied computer science** (ECTS:3)

## SEMESTER 2

**Thermodynamics and cinetics of geomaterials** (ECTS:3)  
**Engineering Geology** (ECTS:3)  
**Environment law** (ECTS:3)  
**Applied Bio-geo-chimistry** (ECTS:3)  
**Environmental biology** (ECTS:3)  
**Dataming and statistics** (ECTS:3)  
**Geographycal Infomation Systems** (ECTS:3)  
**Scientific English** (ECTS:3)  
**Environmental physio-chemical analysis** (ECTS:3)  
**Remote sensing** (ECTS:3)  
**Intership/personal work** (ECTS:3)