Key figures

Scholarships/year through MOBIL'ITI funds (600€/months)

120

ECTS credits

40%

Research internship

10%

Field school / trips

Our values

Scientific expertise

All our courses guarantee excellence and meet the requirements of the academic and industrial world

spirit

Projects and internships facilitate knowledge transfer and work experience

Relevance

Our courses encourage students to adopt a multidisciplinary approach to complex problem in geosciences

University campus

With more than 50,000 students, Strasbourg is recognised for its student life quality. The Esplanade campus is located in the heart of the city. This allows students to take full advantage of the attractions of the city and the many university services, library networks, university healthcare, and student accommodation.



The Crous

Housing Catering Healthcare Sport

Strasbourg is a A dynamic city hub for culture accessible by foot, tram, and bike

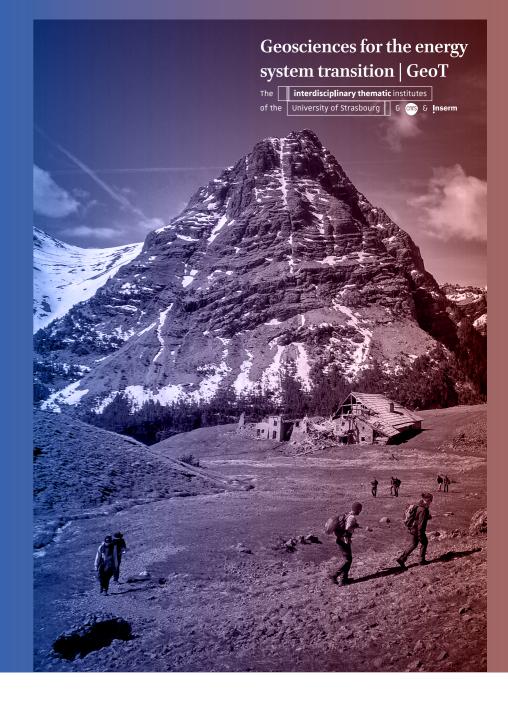
The center of Europe

With direct train to Paris, Basel, Frankfurt, and more in less than

For more information

visit & geot.unistra.fr or contact us **⊠iti-geot-formation@eost.unistra.fr**

École & observatoire des sciences de la Terre | Eost Bâtiment | Eost 5 rue René Descartes 67084 Strasbourg Cedex - France Beost.unistra.fr f ≥ in



Ensuring a decarbonized Eost







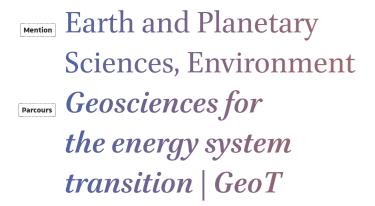


Funded under the Excellence Initiative program &





School and Observatory of Earth Sciences | EOST



You are looking for a complete, international and interdisciplinary training programme that will enable you to acquire the skills needed for jobs focusing on the geosciences and the energy transition in order to meet the challenges of tomorrow... The GeoT course is for you!

The GeoT programme offers a diverse range of courses enriched by partnerships with other organisations such as the IFP School and the Interdisciplinary thematic institute | ITI GeoT.

The GeoT specialisation will prepare students for careers in:

- Earth, renewable energy, and environmental sciences research;
- Research and development;
- Industrial engineering;
- > Prospection and exploitation of renewable georesources;
- Natural and anthropogenic risk mitigation

Goals

- ▶ To develop a holistic understanding of the diverse interconnections between geosciences research and industry
- ▶ To develop initiative and autonomy through the design and execution of multidisciplinary projects associated with research and development
- 🕦 To be exposed to a large network of professionals, and be prepared for a wide range of postgraduate careers
- ▶ To prepare students for career in the renewable geosciences

Master program



2nd yea

1 st semester	ECTS
Lecture-based courses	2
Scientific writting and presentation skills	
Data analyses, computing	
Geology for energy transition	
Geophysical prospecting	
Hydrology	
Geochronology and geothermometer	
Sedimentary basin S1	
Petrophysics	
Field and practical-based courses	
Geological Reservoir Field school	
Case study	
2 nd semester	ECTS
Lecture-based courses	1
Seismology and inverse theory	
Seismic processing and interpretation	
Geography information system	
Sedimentary basin S2	
Field and practical-based courses	1
Independent research project S2	
Rocks physics and lab practicals	
Well logging and applied petrophysics	
Field-based well-logging	
3 st semester	ECTS
Lecture-based courses	1
Artificial intelligence	
Controversy and the energy systems transition	
Sub-surface storage	
Monitoring: active and passive methods	
Thermo-hydro-mechanical modelling	
Geochemistry and renewable georesources	
Field and practical-based courses	1
Independent research project S3	
Geothermal field school	
Renewable georesources Seminar series	
4 th semester	
Internship	

Skills

Students of the MSc GeoT will learn to:

- ▶ Observe, characterise, and quantify the physical properties of the subsurface using different geophysical tools, at different scales
- ▶ Process and analyse various digital signals and in a Geographic Information
- Apprehend, design, and implement mathematical models simulating physical
- Identify, analyse, and apprehend questions of social perception of the georesources sector
- Design, execute, and defend scientific studies
- write and communicate to an academic and professional audience

Admission requirement

Undergraduate degree in Earth sciences, physics, or equivalent

2nd year Master's degree in Earth sciences, physics, or an equivalent degree

How to apply

Students who have already studied in France:

1st year apply through ₨ monmaster.gouv.fr

2nd year apply through & ecandidat.unistra.fr

Foreign students:

Both year apply through & campusfrance.org

