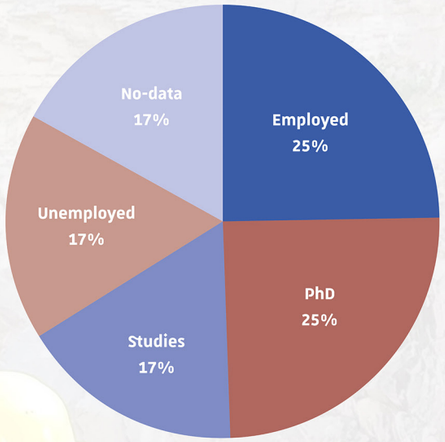
Students becoming

Graduates from the programme's first cohorts have rapidly transitioned into rewarding careers across the public and private sectors, while others have successfully pursued further academic excellence. These promising, although preliminary due to its recent launch, results highlight the programme's strong employability potential and will continue to be monitored over time.



Admission requirement

At M2 level Master's degree in Earth sciences, physics, or an equivalent degree
As well as, EOST engineering school third-year students

How to apply

Students who have already studied in France:

2nd year apply through **ecandidat.unistra.fr**

Foreign students:

Both year apply through **campusfrance.org**

At a glance

- M2 level Master's degree
- 100% taught in English
- 60 ECTS
- 4-months internship
- 2-weeks Geothermal Field School
- International student community
- MOBIL'ITI grants available through ITI GeoT
- Co-certified EOST and IFP School

Our values

Scientific expertise

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

Team 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 Culture

Outings of all kinds
–
Strasbourg is a hub for culture and arts

Strasbourg by bike
–
A dynamic city accessible by foot, tram, and bike

The center of Europe
–
With direct train connections to Paris, Basel, Frankfurt, and more in less than 3 hours

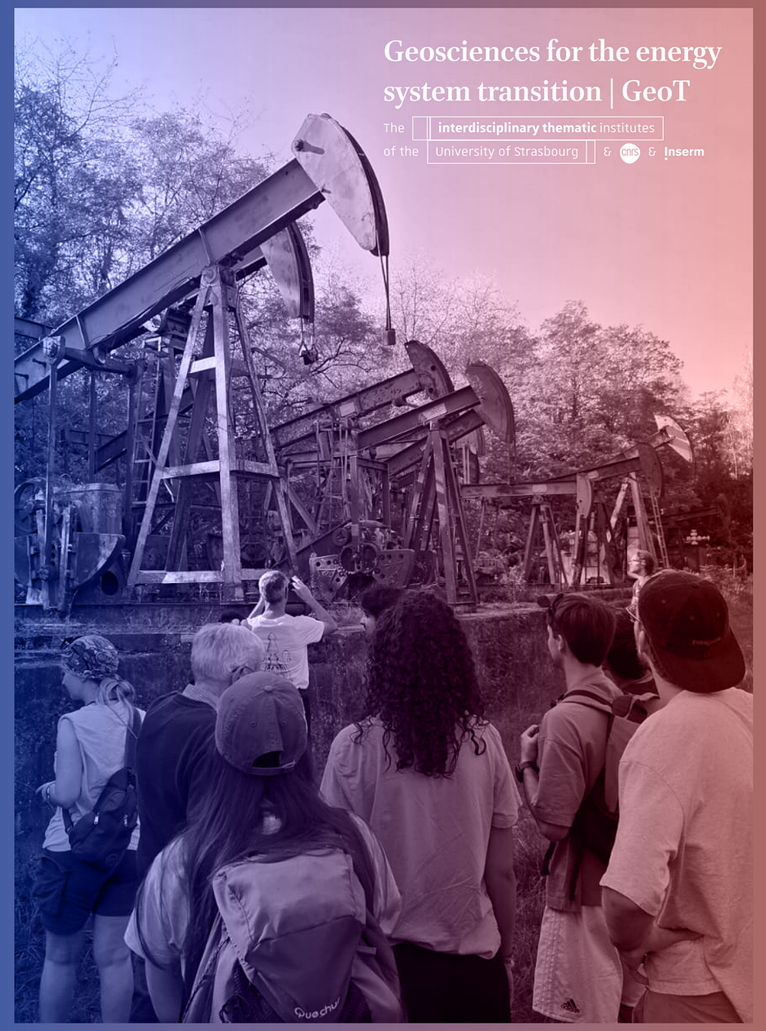
For more information

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

École & observatoire | des **sciences** de la **Terre** | Eost
Bâtiment | Eost
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67084 Strasbourg Cedex - France
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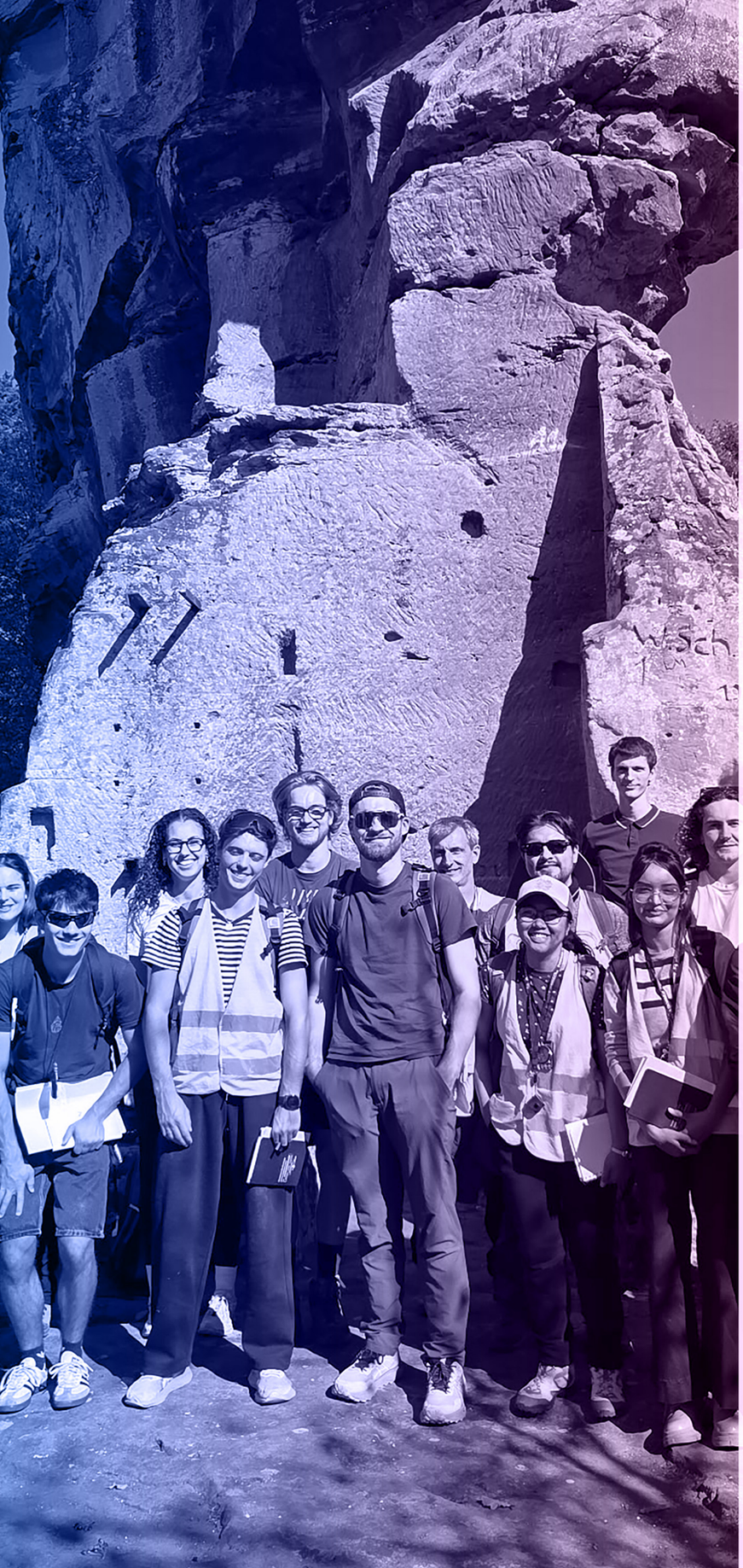
Ensuring a decarbonized future through renewable georesources research

Eost Master of Sciences

École et observatoire des **sciences de la Terre** Université de Strasbourg

IFP SCHOOL

Funded under the **Excellence Initiative** program &



École et observatoire
des sciences de la Terre
de Strasbourg

Mention Earth and Planetary Sciences, Environment

Parcours *Geosciences for the energy system transition | GeoT*

An international research-oriented Master's programme training future experts in subsurface resources, geothermal energy, energy storage and environmental transition.

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.

GeoT forms the next generation of experts capable of addressing energy transition challenges through an integrated understanding of geosciences, engineering, environmental issues, and societal concerns.

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 framework
- 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

The GeoT specialisation – taught entirely in English – is a 1-year program that takes place over two semesters. This multidisciplinary program combines courses in the geosciences, engineering sciences, data sciences, and social sciences with field schools, participation in international conferences, and research internships.

The year includes:
- Geothermal Field School – 2-weeks school organised in collaboration with KIT within the EPICUR framework
- The course enables students to put theoretical geoscientific concepts into practice through the study of the evolution of a deep geothermal system, from exploration to exploitation.

As well as classes around:
- Geothermal energy
- Subsurface energy storage
- Renewable georesources
- Numerical modelling
- Artificial intelligence for geosciences
- Active and passive monitoring
- Research 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 System
- Apprehend, design, and implement mathematical models simulating physical processes
- 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

Career opportunities

- Geothermal energy
- Energy storage
- Environmental consulting
- Geophysical exploration
- Natural hazards assessment
- Research and innovation
- Public agencies and international organisations
- PhD programmes