

# MASTER'S PROGRAMME / MASTER OF SCIENCE IN GEOLOGY

[www.unige.ch/sciences](http://www.unige.ch/sciences)



## THE MASTER IN GEOLOGY

is an advanced programme in Earth Sciences that combines basic science and practical applications. It is a joint programme of the University of Geneva and the University of Lausanne's School of Earth and Environmental Sciences (Ecole lémanique des sciences de la Terre - ELSTE), and provides vast academic and practical expertise covering most branches of the Earth sciences. Particular focus is placed on reservoir geology (water, oil), sedimentology, global changes, metalliferous deposits, geochronology and geochemistry, natural dangers and volcanology. Students have access to high-tech methods and laboratories and are involved in field studies on all continents, in cooperation with academic, research and industry partners.

[cms.unige.ch/sciences/terre/education/master\\_geology.php](http://cms.unige.ch/sciences/terre/education/master_geology.php)

### AVAILABLE ORIENTATIONS:

- Geochemistry-Alpine Tectonics-Ore Deposits
- Geological risk
- Sedimentary, Environmental, and Reservoir Geology

### MASTER IN GEOLOGY

4 semesters (max. 6 semesters)  
120 ECTS credits

|   |            |
|---|------------|
| Required courses and field work                       | 24 credits |
| Required courses and field work,<br>limited electives | 24 credits |
| Free electives  | 12 credits |
| Research and dissertation                             | 60 credits |

### PROGRAMME LENGTH

2 years (4 semesters)

### ACADEMIC CALENDAR

[www.unige.ch/calendar](http://www.unige.ch/calendar)

### LANGUAGE OF INSTRUCTION

French  
English

### LEVEL OF FRENCH REQUIRED

No French proficiency test required for non-Francophones.

### ADMISSION CRITERIA

A **Bachelor in Earth and Environmental Sciences** from the University of Geneva, a **Bachelor in Geosciences**

and **Environment** with a concentration in geology from the University of Lausanne, or a degree deemed equivalent, upon completion of up to 30 credits of supplementary courses.

### MOBILITY

Students may earn up to 30 credits while on exchange. They may also conduct research outside the university, under the supervision of a faculty member, or do a work placement at a leading external laboratory in order to complete their Master's degree.

[www.unige.ch/exchange](http://www.unige.ch/exchange)

### CAREER OPPORTUNITIES

The Master in Geology leads to a number of opportunities both in Switzerland and abroad, including:

- Construction of large-scale civil engineering projects;
- Resolution and management of ecological, environmental and land-use problems;
- Natural disaster risk prevention;
- Teaching and scientific research (secondary schools, higher education, museums)
- Research on and/or exploitation of natural resources (ore, water, building materials) or energy resources (oil and gas, geothermics), etc.

### TUITION FEES

500 CHF / semester

### APPLICATIONS

Deadline: **30 April 2017\***

(28 February 2017 for applicants who require a visa under Swiss Confederation regulations)

[www.unige.ch/enrolment](http://www.unige.ch/enrolment) | [admissions.unige.ch](mailto:admissions.unige.ch)

*\* Candidates who hold a Swiss Bachelor or equivalent degree and have not been able to meet this deadline may contact the Faculty's academic advisor and the person in charge of the Master's programme to find out if it is possible to join the course*

### CONTACT INFORMATION

#### FACULTY OF SCIENCE

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#### STUDENT AFFAIRS

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#### ACADEMIC ADVISOR

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#### EARTH AND ENVIRONMENTAL SCIENCES SECTION

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FACULTÉ DES SCIENCES



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