

Tell me more about EARTH SCIENCE

- I have a natural curiosity for science.
- I have a good capacity for analysis and abstraction.
- I enjoy making field observations.
- I would like to study the composition, structure, physical features and history of our planet and what lies beneath.
- I'm interested in technological innovations.
- I'm aware of environmental problems.
- I would like to share and communicate my fascination for science.
- I have a solid grounding in scientific subjects.
- Candidates should ideally have a secondary-level background in science.

WHICH PROFESSIONS?

TEACHING- RESEARCH

- University lecturer
- Research engineer
- Primary school teacher
- Secondary school teacher

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ENVIRONMENT

- Environmental engineer
- Industrial risks engineer
- Environmental consultant
- Sanitation engineer
- Soil pollution project manager
- Engineering & design mission leader

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TRAINING - COMMUNICATION

- Science instructor
- Scientific mediator

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GEOLOGY

- Geotechnics design engineer
- Geothermal design engineer
- Geophysicist

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Most of the professions listed require master's level qualifications, but some of them can be accessed after 2 or 3 years' higher education.

Examples taken from the list of professions compiled by ODIF (Observatoire de la Direction des Formations), part of the University of Lille.

UNIVERSITY OF LILLE

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POST-SECONDARY COURSES AVAILABLE AT THE UNIVERSITY OF LILLE

PROFESSIONAL TRAINING IN 2 YEARS

Theory combined with apprenticeships in the field. Selective admission.

THE DEUST PROGRAMME IS AVAILABLE TO APPLICANTS WHO HAVE COMPLETED ONE SEMESTER OF UNIVERSITY STUDIES.

DEUST ENVIRONMENT AND WASTE

Trains environmental technicians with two primary focuses: the management and processing of waste water, and the collection and reuse of waste.

DEUST MULTILINGUAL NATURALIST

Also available as parallel student/employee programme 

Trains environmental professionals with a solid grounding in botany, zoology, geology and foreign languages (English, Spanish and Dutch) to serve as guides and educate visitors in protected areas (regional or national parks, nature reserves, listed sites, etc.).

3-YEAR BACHELOR'S DEGREES

Theoretical grounding to prepare for further study up to master's level and/or civil service examinations.

The **Life, Earth and Environmental Sciences** (SVTE ) programme offers gradual specialisation, with students making their definitive choice in semester 3.

DEGREE EARTH SCIENCE

OPTION EARTH SCIENCE

Course designed to introduce students to the different disciplines of geology (sedimentology, tectonics, palaeontology, petrology, volcanology, geophysics, geochemistry, etc.).

DEGREE LIFE & EARTH SCIENCES

OPTION LIFE & EARTH SCIENCES

Course focused on the living world, geology and the environment to prepare students for a career in teaching.

SPECIFIC BACHELOR'S DEGREE PROGRAMMES WITH SELECTIVE ADMISSION AND LIMITED CAPACITY

DEGREE EARTH SCIENCE

MASTER'S IN ENGINEERING (CMI)

APPLIED GEOSCIENCE

Course available from year 1 and taught over 5 years. Based on the coursework of the primary degree with additional modules. Graduates qualify as engineers.

OPTION (TAILORED) SVTE

Course available in 1st year only and intended for holders of a technological baccalaureate or equivalent to help them succeed and pursue their studies to bachelor's level in Life science, Earth science or combined Life & Earth sciences.

PRIMARY SCHOOL TEACHER TRAINING

DEGREE EDUCATIONAL SCIENCE

OPTION SCIENTIFIC TRAINING AND COMMUNICATION (FOCUS)

Option available to bachelor's students in semester 4. Generalist scientific modules and an initiation for instructors, moderators and communication roles in scientific fields. Particularly suited to graduates wishing to work as primary school teachers.

AFTER 2 YEARS OF HIGHER EDUCATION

Whatever your background, you have the option of completing professional training. This course lasts one year and allows you to specialise, obtain a dual qualification or enter the job market after 3 years in higher education. This professional diploma is designed to lead immediately to employment.

AFTER A BACHELOR'S DEGREE

You can continue your studies to master's level (5 years in higher education) in fields such as geo-resources, geo-risks, geotechnics, hydraulic engineering, geology, palaeontology and palaeoclimatology.

Graduates can also apply for admission to engineering schools at the end of their 2nd or 3rd year (e.g. Polytech'Lille).

The information here is valid for the reference year 2018-2019. The academic programmes at ULille are subject to change in September 2020






More info: consult the catalogue of courses at

<https://www.univ-lille.fr/formations> or contact SUAIO

PARCOURSUP

Find out about the requirements and terms of access for each course at: www.parcoursup.fr

Main campuses:

-  Campus Cité scientifique (V. D'Ascq)
-  Campus Moulins-Ronchin
-  Campus Pont-de-Bois (V. D'Ascq)
-  Campus Roubaix-Tourcoing
-  Campus Santé (Lille ; Loos)