

Groundwater and Mineral Resources Apprenticeship (C003996)

Due to Covid 19, the education and evaluation methods may vary from the information displayed in the schedules and course details. Any changes will be communicated on Ufora.

Course size	<i>(nominal values; actual values may depend on programme)</i>			
Credits 6.0	Study time 150 h	Contact hrs	50.0 h	
Course offerings and teaching methods in academic year 2022-2023				
A (semester 1)	English	Gent	work placement	120.0 h

Lecturers in academic year 2022-2023

Walraevens, Kristine	WE13	lecturer-in-charge
Cnudde, Veerle	WE13	co-lecturer
Dewaele, Stijn	WE13	co-lecturer
Hermans, Thomas	WE13	co-lecturer

Offered in the following programmes in 2022-2023

	crdts	offering
Master of Science in Teaching in Science and Technology (main subject Geology)	6	A
Master of Science in Geology	6	A
Master of Science in Geology	6	A
Exchange programme in Geology (master's level)	6	A

Teaching languages

English

Keywords

apprenticeship, professional context, groundwater, mineral resources

Position of the course

The apprenticeship within the major of Groundwater and Mineral Resources aims to offer to the students a professional experience in the fields of groundwater and/or mineral resources, by involving them in a project within a company, an administration, a research institution or an external university in Belgium or abroad.

Contents

The four lecturers will offer apprenticeship opportunities according to their expertise and contacts, and follow them up. They will act as facilitators who will help - in dialogue with the students and under supervision of the educational commission - the students in obtaining opportunities for a work experience in industry, administrations, scientific institutions or external universities, in which they will be immersed in the professional practice of groundwater and mineral resources. A tutor at the working place will be appointed. The relevant lecturer will follow-up on the coaching, the quality and the crediting of this work experience. The responsible lecturer will act as the coordinator. The apprenticeship will be concluded by a report, which has to be presented (ppt presentation) at the end of the apprenticeship.

Initial competences

advanced knowledge about groundwater/mineral resources

Final competences

- 1 The student knows how to apply his field of expertise in a professional context.
- 2 The student has practical experience concerning groundwater and mineral resources.
- 3 Oral and written communication of results.

Conditions for credit contract

Access to this course unit via a credit contract is determined after successful competences assessment

Conditions for exam contract

This course unit cannot be taken via an exam contract

Teaching methods

Work placement

Extra information on the teaching methods

The apprenticeship will be performed during 4 weeks (weeks 9-12), during which 4 days per week will be spent at the company. During this period, the assignments given by the company must be performed, the report must be elaborated and the presentation must be prepared. At the end of each week, the student reports back to the relevant lecturer. At the end of the apprenticeship, a powerpoint presentation of the report will be delivered.

Part of the teaching activities may be organized online.

Learning materials and price

assignment concrete tasks by responsible person of company

References**Course content-related study coaching****Evaluation methods**

continuous assessment

Examination methods in case of periodic evaluation during the first examination period**Examination methods in case of periodic evaluation during the second examination period****Examination methods in case of permanent evaluation**

Oral examination, job performance assessment, report

Possibilities of retake in case of permanent evaluation

examination during the second examination period is possible

Calculation of the examination mark

Permanent evaluation: the final score is attributed by the concerned lecturer and the tutor at the working place. The distribution over the different forms of evaluation is as follows: job performance assessment (33.33%), report (33.33%), presentation (33.33%). The job performance is assessed solely by the tutor at the working place. The report and the presentation are both evaluated by the tutor at the working place and by the concerned lecturer; the average of both of their scores gives the obtained result on each of both parts. In case that less than 10/20 is obtained for at least one of the three parts, the student cannot succeed for the course. If the final score would be 10 or more out of 20, this will be reduced to the highest unsuccessful score (i.e. 9/20).