Academic vacancy on the exploitation of mines and quarries.

**Start date:** 01/09/2020  
**Vacancy Reference:** FSA2020-5

Description of the course load:

A part-time (0.05 FTE), indivisible position in the field of the exploitation of mines and quarries.

The position falls within the Department of Architecture, Geology, Environment and Construction (ArGenCo). It essentially comprises teaching activities aimed at developing students’ skills in relation to current practices and approaches in the business world.

**Teaching activities:**

The aim of this task is to supplement the students’ training in the area of the exploitation of mines and quarries, in particular through the following course:

**GEOL 0237-2:** Exploitation of mineral deposits. Course aimed at students in the Master in Civil Engineering of Mining and Geology, specialising in Mineral Resources and Recycling (Block 1 - compulsory - 5 credits) and the Master in Geological Sciences (Block 1 - optional - 5 credits)

This course alternates sessions which present techniques, personal work, field visits and may involve accompanying study trips. It contributes to the influence and attractiveness of our institution. The course is delivered in English. In particular, the following aspects will be considered:

- Mineral extraction technologies according to the type of deposits
- Rock cutting techniques. Specifications of the mining machines used and recent developments (autonomous mining, surveying using on-board sensors)
- Sustainable management in the exploration of deposits according to their quality and variability
- Technical, economic and environmental aspects of extraction. Actual examples of the technical and economic evaluation of mining projects in the context of different regulations

The successful applicant will also be invited to contribute towards supervising dissertations and placements related to their specialist area.

The post holder will base their teaching on their industrial experience and will illustrate it with real cases demonstrating the solutions and approaches implemented within companies.

**Research Activities:**

At the post-holder’s initiative and depending on opportunities.
Community-related activities:

At the post-holder’s initiative and depending on opportunities.

Qualifications required:

- Strong industrial expertise and experience in the relevant field;
- Ability to teach in English

Selection procedure:

Applications will be subject to a pre-selection on the basis of a dossier by a selection commission created by the School of Engineering. Successful candidates will then be invited to an interview which may include the presentation of a sample lesson.

Applications:

Candidates are requested to send their applications electronically to the following address: Postesacademiques@uliege.be with a copy to Ms. Aurélie Lecca - Aurelie.Lecca@uliege.be by 15 March at the latest.

Required documents:

- A letter of application;
- A complete curriculum vitae;
- A teaching plan presenting the way in which the candidate intends to transmit their professional expertise and experience in their teaching and highlighting the opportunities for developing collaborations between the academic and industrial worlds provided by the applicant.

Conditions of recruitment:

The post will be appointed for an initial renewable period of three years.

Information:

Any further information can be obtained from the School of Engineering, Ms Aurélie Lecca - tel: +32 4 366 94 68 – Aurelie.Lecca@uliege.be

Remuneration:

Salary scales and application procedures are available from the human resources department of the University: Ms Ludvine Depas - tel: +32 4 366 52 04 – Ludvine.Depas@uliege.be