

## « Climate Risk Modelling »

**Program :**

Specialization master in financial risk management (evening courses), option “Sustainable and Climate Finance”

**Language :**

English

**Number of hours :**

30 hours

**Number of students:**

Around 30

**Objectives of the course :**

The goal of this course is to teach students the regulatory and methodological aspects associated to climate-related financial risks in asset management at large. It should provide students with the needed competences to answer (among others) to the following questions :

- What makes climate-related financial risks unique? What are its drivers ? How are physical and transition risks distinguished ?
- How do we measure physical and transition risks, and how do we incorporate such risks in traditional credit and market risks assessments?
- How to conduct scenario analyses, stress-testing and sensitivity analyses for climate-related risks and exposures?
- What are the regulatory obligations/good practices of financial institutions regarding climate-related risks?

More generally, the course content should be in line with standards in the field set by international institutions such as the Bank of International Settlement (see, e.g. the BIS 04/2021 WP), and professional risk associations such as the GARP.

**Organization :**

Hybrid teaching (mix of online and on site sessions) (in the evening on weekdays and/or on Saturdays)

**Profile :**

The candidate is expected

- to have a relevant academic expertise in the field of the course, such as : financial risk management, risk modelling banking and/or climate-related financial risks. Professional experience in the field is an added advantage.

- to have demonstrable pedagogical skills oriented toward professionals (such as training or consultancy missions, or previous experience teaching evening classes).

As part of the contract for this course, the lecturer will also have to supervise a number of internships and final work projects relating to his/her area of expertise.

**Contract length :**

1 year (academic year 2022-2023) (renewable)

**Contact person :**

Anne CHANTEUX, Director of evening master programs, Head of the Finance, Accountancy and Law Department, [anne.chanteux@uliege.be](mailto:anne.chanteux@uliege.be)

**Application :**

Applications (1 or 2 pages CV, letter of motivation, course proposal including the course objectives, outline, methodology and evaluation criteria) are to be submitted by email to Christine Bertrand ([christine.bertrand@uliege.be](mailto:christine.bertrand@uliege.be)), Coordinator of evening master programs, with a copy to [anne.chanteux@uliege.be](mailto:anne.chanteux@uliege.be), by August 15, 2022 at the latest.

After reviewing the applications, the selected candidates will be invited to an interview end of August 2022.