



## COURSE SYLLABUS DRAFT

### FINANCE FOR SUSTAINABILITY

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**July 3 – July 13**

(6:00 pm – 9:00 pm)

**Saturday July 7**

(9:00 am – 12:00 m)



### DESCRIPTION

The economic analysis of how to design government policies to deal with climate change, be it through a market for permits or taxes, is vast. In contrast, the analysis of the role of regulation and public finance in supporting a low-carbon transition and the role of capital markets in potentially mitigating the risks brought on or exacerbated by climate change is rather limited. This course aims to provide students/participants with the knowledge and understanding of how to quantify the scale of the challenge in terms of the capital flows to be mobilized, the value of assets at risk and the levels of alignment with climate and sustainability goals, the challenges in integrating climate risk into existing financial supervisory frameworks, and the role of the public sector in mobilizing and supervising private sector finance. The course will also demonstrate how to translate sustainability into the financial culture in terms of purpose, skills, operational techniques and incentives.



## OBJECTIVES

This course aims to provide students/participants with a sound knowledge and understanding of (i) how financial policy and regulation needs to support the transition to a low-carbon economy; (ii) the role of public sector finance in scaling up finance for sustainable infrastructure investment; and (iii) the role of capital markets in potentially mitigating the risks brought on or exacerbated by climate change and a low-carbon transition

## METHODOLOGY

The course provides the fundamentals of economic and financial analysis for continued undergraduate studies at a higher level or graduate studies of environmental economics / economics / financial economics.

## EVALUATION

1. Coursework: 100%
2. Essay (individual): 70%
3. Presentation (group): 30%
4. Case study analysis
5. Report

## PRE-REQUISITES

Introductory financial economics and environmental economics.