COURSE DETAIL

CLIMATE AND TRANSITION RISKS: UNCERTAINTIES, COMPLEXITY, AND IMPLICATIONS FOR ECONOMIC AND FINANCIAL DYNAMICS

Country
Italy

Host Institution
University of Bologna

Program(s)
University of Bologna

UCEAP Course Level
Upper Division

UCEAP Subject Area(s)
Environmental Studies Economics

UCEAP Course Number
162

UCEAP Course Suffix

UCEAP Official Title
CLIMATE AND TRANSITION RISKS: UNCERTAINTIES, COMPLEXITY, AND IMPLICATIONS FOR ECONOMIC AND FINANCIAL DYNAMICS

UCEAP Transcript Title
CLIMAT&TRANSTN RISK

UCEAP Quarter Units
6.00

UCEAP Semester Units
4.00

Course Description

This course is part of the LM degree program and is intended for advanced level students. Enrollment is by consent of the instructor. This course discusses topics including climate change: the physical basis and impacts; carbon emission drivers, abatement strategies, and investment needs; transition dynamics and socio-economic impacts; climate-related macro-financial risks, and physical/financial asset stranding; mitigation policies: carbon pricing and permit markets; sustainable finance policy-making, and central banks and financial supervisors; climate economic modelling: the DICE model, IAMS, and CGE models; neoclassical transition modelling approaches; complexity-driven transition modelling approaches; and production and financial networks.

Language(s) of Instruction
English

Host Institution Course Number
98724

Host Institution Course Title
CLIMATE AND TRANSITION RISKS: UNCERTAINTIES, COMPLEXITY AND IMPLICATIONS FOR ECONOMIC AND FINANCIAL DYNAMICS

Host Institution Course Details
https://www.unibo.it/en/teaching/course-unit-catalogue/course-unit/2022/478506

Host Institution Campus
BOLOGNA

Host Institution Faculty

Host Institution Degree

LM in GREENING ENERGY MARKET AND FINANCE

Host Institution Department
Statisical Sciences

Course Last Reviewed
2022-2023

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