

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 Campus

BOLOGNA

Host Institution Faculty**Host Institution Degree**

LM in GREENING ENERGY MARKET AND FINANCE

Host Institution Department

Statistical Sciences

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