GLOBAL DOCTORAL COURSE

2023

Offered by faculty from Columbia, Harvard, Imperial, Mannheim, Oxford, Stanford, Texas and Yale.
COURSE DESCRIPTION

The purpose of the course is to (a) introduce researchers to questions and methods in the rapidly evolving fields of climate/sustainable finance; (b) connect researchers from across the globe interested in this topic to stimulate more rigorous, relevant, and collaborative work. We will study how climate and sustainability considerations are reflected in research on asset markets, investment management, financial institutions, corporate finance and household finance.

COURSE ELIGIBILITY & REQUIREMENTS

The course is open to doctoral students at Columbia, Harvard, Imperial, Mannheim, Oxford, Stanford, Texas, and Yale. At some of these schools, the course may be taken for credit; please check with your local course convenor for details. In other instances, students may audit the course with the permission of the instructor. Doctoral students from members of Business Schools for Climate Leadership (www.bs4cl.org) schools may audit this course with the permission of Prof. Tufano.

COURSE CONVENERS

Patrick Bolton  
Ben Caldecott  
Caroline Flammer  
Stefano Giglio  
Marcin Kacperczyk  
Geoff Heal  
Stefan Reichelstein  
Laura Starks  
Peter Tufano  

Imperial College London  
University of Oxford  
Columbia University  
Yale University  
Imperial College London  
Columbia University  
Stanford University and University of Mannheim  
University of Texas  
Harvard University and University of Oxford
### Course Syllabus

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<th>WEEK</th>
<th>Topic</th>
<th>Date</th>
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<td>WEEK 1</td>
<td>Introduction to climate science</td>
<td>January 24, 2023</td>
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<td>WEEK 2</td>
<td>Climate, Sustainability &amp; Economic theory</td>
<td>January 31, 2023</td>
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<td>WEEK 3</td>
<td>Climate, Sustainability &amp; Economic theory</td>
<td>February 7, 2023</td>
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<td>WEEK 4</td>
<td>Climate Metrics, Reporting, &amp; Incentives</td>
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<td>WEEK 5</td>
<td>Climate &amp; Asset Prices (Pt. 1)</td>
<td>February 21, 2023</td>
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<td>WEEK 6</td>
<td>Climate &amp; Asset Prices (Pt. 2)</td>
<td>February 28, 2023</td>
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<td>WEEK 7</td>
<td>Climate, Sustainability, &amp; Investors (Pt. 1)</td>
<td>March 7, 2023</td>
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<td>WEEK 8</td>
<td>Climate, Sustainability, &amp; Investors (Pt. 2)</td>
<td>March 28, 2023</td>
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<td>WEEK 9</td>
<td>Climate &amp; Financial Institutions</td>
<td>April 4, 2023</td>
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<td>WEEK 10</td>
<td>Corporate &amp; Household Finance</td>
<td>April 11, 2023</td>
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<td>WEEK 11</td>
<td>Wrap up and Discussion</td>
<td>April 18, 2023</td>
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COURSE CONTACTS

Each professor will deliver one or more lectures; take responsibility of grading requirements at their school if relevant; and be the primary contact point for students and auditors from their school.

CREDIT/AUDIT

The determination of whether the course can be taken for credit is determined by each local university/school and is the responsibility of the professor/convenor.

ASSESSMENT

While each school may require additional course requirements, it is expected that each student will produce a final paper that is either

(a) a review of a set (at least three) related climate/sustainability papers not discussed in the course, or

(b) a proposal for a research project including the research question and hypotheses, methodological approach, and likely sources of data.

Additional school requirements may include student presentations of the final paper. Your instructor will provide additional information.