

**City University of Hong Kong
Course Syllabus**

**offered by College of Business
with effect from Semester A 2021/22**

Part I Course Overview

Course Title:	Climate Change, Corporate Strategy and Asset Management
Course Code:	FB6878
Course Duration:	Intensive/weekly study for 3 weeks with 80 study hours (preparatory readings, assignments, projects, presentations, essays and 20-hour interactive meetings)
Credit Units:	2
Level:	P6
Proposed Area: <i>(for GE courses only)</i>	<input type="checkbox"/> Arts and Humanities <input type="checkbox"/> Study of Societies, Social and Business Organisations <input type="checkbox"/> Science and Technology
Medium of Instruction:	English
Medium of Assessment:	English
Prerequisites: <i>(Course Code and Title)</i>	Nil
Precursors: <i>(Course Code and Title)</i>	Nil
Equivalent Courses: <i>(Course Code and Title)</i>	Nil
Exclusive Courses: <i>(Course Code and Title)</i>	Nil

Part II Course Details

1. Abstract

(A 150-word description about the course)

This module aims to equip students, who are mainly executives or senior professionals, with the ability to analyse the impacts of climate change on business environments and investable assets, to develop strategies to mitigate climate change risk on business operations and investment portfolios, and to formulate plans for corporate sustainability.

2. Course Intended Learning Outcomes (CILOs)

(CILOs state what the student is expected to be able to do at the end of the course according to a given standard of performance.)

No.	CILOs [#]	Weighting* (if applicable)	Discovery-enriched curriculum related learning outcomes (please tick where appropriate)		
			A1	A2	A3
1.	Analyse the impacts of climate change on business environments and investable assets.		✓	✓	✓
2.	Develop strategies to mitigate climate change risk on business operations and investment portfolios.		✓	✓	✓
3.	Formulate plans for corporate sustainability.		✓	✓	✓
* If weighting is assigned to CILOs, they should add up to 100%.		100%			

[#] Please specify the alignment of CILOs to the Gateway Education Programme Intended Learning outcomes (PILOs) in Section A of Annex.

A1: Attitude

Develop an attitude of discovery/innovation/creativity, as demonstrated by students possessing a strong sense of curiosity, asking questions actively, challenging assumptions or engaging in inquiry together with teachers.

A2: Ability

Develop the ability/skill needed to discover/innovate/create, as demonstrated by students possessing critical thinking skills to assess ideas, acquiring research skills, synthesizing knowledge across disciplines or applying academic knowledge to self-life problems.

A3: Accomplishments

Demonstrate accomplishment of discovery/innovation/creativity through producing /constructing creative works/new artefacts, effective solutions to real-life problems or new processes.

3. Teaching and Learning Activities (TLAs)

(TLAs designed to facilitate students' achievement of the CILOs.)

TLA	Brief Description	CILO No.			Hours/week (if applicable)
		1	2	3	
1	Pre-class reading and assignments	✓	✓	✓	
2	Interactive meetings (seminars, workshops and expert sharing sessions)	✓	✓	✓	
3	Group and individual projects	✓	✓	✓	

4. Assessment Tasks/Activities (ATs)

(ATs are designed to assess how well the students achieve the CILOs.)

Assessment Tasks/Activities	CILO No.			Weighting*	Remarks
	1	2	3		
Continuous Assessment: <u>100%</u>					
Pre-class and In-class Assignments	✓	✓	✓	50%	
Post-class Projects and Assignments	✓	✓	✓	50%	
Examination: ____ (duration: _____, if applicable)					
				100%	

* The weightings should add up to 100%.

5. Assessment Rubrics

(Grading of student achievements is based on student performance in assessment tasks/activities with the following rubrics.)

Assessment Task	Criterion	Excellent (A+, A, A-)	Good (B+, B, B-)	Fair (C+, C, C-)	Marginal (D)	Failure (F)
Pre-class and In-class Assignments	Integration and application of knowledge to formulate strategic plans and provide solutions.	High	Significant	Moderate	Basic	Not even reaching marginal levels
Post-class Projects and Assignments	Integration and application of knowledge to formulate strategic plans and provide solutions.	High	Significant	Moderate	Basic	Not even reaching marginal levels

Part III Other Information (more details can be provided separately in the teaching plan)

1. Keyword Syllabus

(An indication of the key topics of the course.)

- Social and political implications of climate change
- Climate change, agricultural production and food supply
- Climate change, financial risk and opportunities
- Corporate strategies and climate change
- Investment strategies and climate change
- Corporate sustainability

2. Reading List

2.1 Compulsory Readings

(Compulsory readings can include books, book chapters, or journal/magazine articles. There are also collections of e-books, e-journals available from the CityU Library.)

2.2 Additional Readings

(Additional references for students to learn to expand their knowledge about the subject.)

- Basel Committee (2021) Climate-related financial risks – measurement methodologies. Bank for International Settlement.
- Basel Committee (2021) Climate-related risk drivers and their transmission channels. Bank for International Settlement
- Cracknell and Varotsos (2021) Understanding Global Climate Change: Modelling the Climatic System and Human Impacts. CRC Press.
- EFSA (2020) “Climate change as a driver of emerging risks for food and feed safety, plant, animal health and nutritional quality,” Climate Change and Food Safety. European Food Security Association (EFSA).
- GA (2021) Climate Change Risk Assessment for the Insurance Industry: A holistic decision-making framework and key considerations for both sides of the balance sheet. Geneva Association (GA).
- Kahn (2021) Adapting to Climate Change: Markets and the Management of an Uncertain Future. Yale University Press.
- Markkanen and Anger-Kraavi (2018) “Social impacts of climate change mitigation policies and their implications for inequality,” Climate Policy, 827-844
- McKinsey (2020) Climate Change and P&C Insurance: The Threat and Opportunity. McKinsey Article.
- McKinsey (2020) Banking imperatives for managing climate risk. McKinsey Article.
- Migliorelli and Dessertine (2020) Sustainability and Financial Risks: The Impact of Climate

Change, Environmental Degradation and Social Inequality on Financial Markets. Palgrave.

- Paterson (2020) “Climate Change and International Political Economy: between Collapse and Transformation,” *Review of International Political Economy*, Vol 28.