



## 1. General Information

Course Subject	STRA
Course Number	1702
Course Title	Sustainability 101: Introduction Course for Sustainable Development
Academic Years	2024-2025
Grading Method	Letter

## 2. Instructors

Professor HO, Stan Ho Ming  
Office: Room KK103 /F  
Email: stanhohoming@hku.hk  
Subclasses: 1A

## 4. Course Description

Course Description	This course provides a comprehensive overview of the principles and practices of sustainability, focusing on the interconnectedness of social, economic, and environmental dimensions. Students will gain a solid understanding of the history and development of sustainability, as well as the key concepts and frameworks necessary to address complex global challenges.
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## 5. Course Objectives

1. Understand the key principles, concepts, and frameworks of sustainability.
2. Evaluate the interconnections between social, economic, and environmental dimensions of sustainable development.
3. Analyze the local and global challenges related to sustainability and identify potential solutions.
4. Apply sustainability principles in various professional and personal contexts.

## 6. Faculty Learning Goals

- Goal 1: Acquisition and internalization of knowledge of the programme discipline
- Goal 2: Application and integration of knowledge
- Goal 3: Inculcating professionalism
- Goal 4: Developing global outlook
- Goal 5: Mastering communication skills
- Goal 6: Cultivating leadership

7. Course Learning Outcomes						
Course Teaching and Learning Activities	Aligned Faculty Learning Goals					
	1	2	3	4	5	6
CLO1. Comprehend the definition, history, and importance of sustainable development, and understand its three core pillars - environmental, economic, and social sustainability.	✓		✓	✓		
CLO2. Identify global and local challenges to sustainable development, analyse the effectiveness of various sustainability practices and policies, and apply such knowledge and perspective to a manager's communication and leadership role.	✓	✓	✓	✓	✓	✓
CLO3. Understand the role of various stakeholders in sustainable development and be familiar with the United Nations' 17 Sustainable Development Goals (SDGs).	✓	✓	✓	✓		
CLO4. Apply the principles of sustainable development to real-world contexts, propose solutions to sustainability issues, and promote sustainability in their professional lives especially in the areas of communication and leadership.	✓	✓	✓	✓	✓	✓

8. Course Teaching and Learning Activities		
Course Teaching and Learning Activities #	Expected Study Hours	Study Load (% of study)
T&L1. Lectures (including guest lectures)	36	25.7
T&L2. Case studies and group discussions	14	10
T&L3. Individual and group assignments	60	42.9
T&L4. Reading / Self-study	30	21.4
	Total: 140	Total: 100

9. Assessment Methods			
Assessment Methods	Description	Weight %	Aligned Course Learning Outcomes
A1. Class attendance and participation		20%	1,2,3,4
A2. Midterm quiz		20%	1,2,3,4
A3. Individual assignments		20%	1,2,3,4
A4. Group projects		40%	1,2,3,4

10. Course Grade Descriptors	
A+,A,A-	Strong evidence of superb ability to fulfill the intended learning outcomes of the course at all levels of learning: describe, apply, evaluate and synthesis
B+,B,B-	Strong evidence of ability to fulfill the intended learning outcomes of the course at all

## 10. Course Grade Descriptors

	levels of learning: describe, apply, evaluate and synthesis.
C+,C,C-	Evidence of adequate ability to fulfill the intended learning outcomes of the course at low levels of learning: such as describe and apply, but not at high levels of learning such as evaluate and synthesis.
D+,D	Evidence of basic familiarity with the subject.
F	Little evidence of basic familiarity with the subject.

## 11. Course Content and Tentative Teaching Schedule

Topic/ Session	Content
	Introduction to Sustainability
	Smart Cities
	Sustainable Transportation
	Waste Management
	Green Finance
	ESG and Impact Investing
	Climate Risk Management
	Sustainability Development in Mainland China and Hong Kong
	Technology and Innovation for Sustainability
	ESG Impact of Artificial Intelligence
	ESG NGO

## 12. Required/Recommended Readings & Online Materials

Reading	To be announced on Moodle.
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## 13. Means / Processes for Student feedback on Course

	Conducting mid-term survey in additional to SETL around the end of the semester
	Online response via Moodle site
✓	Others
	SFTL

## 14. Course Policy

Please refer to the “Code of Academic Conduct” (<https://firstyear.hku.hk/wp-content/uploads/2023/08/code-of-academic-conduct-202304.pdf>) and “What is plagiarism?” (<https://tl.hku.hk/plagiarism/>).

## 15. Additional Course Information

Assignments will be submitted in class before the lectures. No late assignment will be accepted.

Lecture notes and self-learning materials will be uploaded on Moodle.