

Department	International College of Liberal Arts		
Semester	Spring 2025	Year Offered (Odd/Even/Every Year)	Every Year
Course Number	ECON385		
Course Title	Economics of Sustainable Development		
Prerequisites	None		
Course Instructor	LIU Ming	Year Available (Grade Level)	3
Subject Area	Global Business & Economics	Number of Credits	3
Class Style	Lecture	Language of instruction	English

(NOTE 1) Depending on the class size and the capacity of the facility, we may not be able to accommodate all students who wish to register for the course

Course Description	This course will introduce the concept of sustainable development, the relationship between the economy and global issues (environment, climate change, poverty, etc.), and examples of constructive ideas and projects that have been developed to create a more sustainable economy. Particularly, the climate change issues and the roadmap of how to solve these issues will be introduced. The course will introduce the three economic agents - government, private sector (business), and consumer, in sustainable development. Some development in sustainable finance will be covered as well. Students will also develop personal and social responsibility through the course.
Class plan based on course evaluation from previous academic year	Class plan for this academic year based on the students' course evaluation and feedback in the previous academic year.
Course related to the instructor's practical experience (Summary of experience)	This course is taught by an instructor with practical experience in the financial industry who can give some concrete examples of how the financial industry can play a role in global sustainability issues.
Learning Goals	<p>On successful completion of this course, students will be able to:</p> <ul style="list-style-type: none"> · Understand the history of the idea of sustainable development. · Understand the main issues in climate change and how to address these issues. · Understand the role of the economic agents (government, business, household) in sustainable development. · Students should be able to apply the idea of sustainable development in real life examples.

iCLA Diploma Policy	DP1/DP2/DP4
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iCLA Diploma Policy

(DP1) To Value Knowledge – Having high oral and written communication skills to be able to both comprehend and transfer knowledge

(DP2) To Be Able to Adapt to a Changing World – Having critical, creative, problem-solving, intercultural skills, global and independent mindset to adapt to a changing world

(DP3) To Believe in Collaboration – Having a disposition to work effectively and inclusively in teams

(DP4) To Act from a Sense of Personal and Social Responsibility – Having good ethical and moral values to make positive impacts in the world

Active Learning Methods	Problem-Based Learning/Flipped Classroom/Discussion, Debate/Presentation				
More details/supplemental information on Active Learning Methods	First, students need to identify the environmental, economic, and social issues the world is facing. This requires students to comprehensively explore the issues, facts, ideas, and evidence before accepting or formulating an opinion or conclusion. Sometimes readings will be assigned to students before the class, and in the class students will discuss about the contents of the readings. Students will do presentations on what the three economic agents – government, private sector (business), and consumer – can do to address the issues we are facing. Given the international environment, cases from students' home country are welcome in the presentations. Discussions (sometimes debates) will run through the classes in the semester.				
Use of ICT	Use multimedia such as videos to show current global issues.				
Contents of class preparation and review	Slides, assigned readings.	Hours expected to be spent preparing for class (hours per week)	3 hours	Hours expected to be spent on class review (hours per week)	2 hours
Feedback Methods	(1) Comments are given to students' presentations. (2) Comments are given to students' homework assignments. (3) Students are encouraged to meet the instructor during the announced office hours. Contact outside of class sessions is appreciated using emails to the instructor's email address liu.ming@c2c.ac.jp.				

Grading Criteria		
Grading Methods	Grading Weights	Grading Content
Presentations	60%	
Participation	20%	
Homework assignments	20%	

Required Textbook(s)	Sustainability Economics: an Introduction, Peter Bartelmus, 1st edition, Routledge How to Avoid a Climate Disaster, Bill Gates, 2021, Random House Principles of Economics, Mankiw, 9th edition, CENGAGE. Two chapters of this book will be covered: Externalities; Public Goods and Common Resources.
Other Reading Materials/URL	Constant readings on journal articles from internet will help the discussions in the classroom.
Plagiarism Policy	Plagiarism is the dishonest presentation of the work of others as if it were one's own. Duplicate submission is also treated as plagiarism. Depending on the nature of plagiarism, you may fail the assignment or the course. The repeated act of plagiarism will be reported to the University which may apply additional penalties.

Other Additional Notes (Outline crucial policies and info not mentioned above)	Class schedules may be slightly modified during the semester based on the progress of the course. This class will be conducted primarily as an interactive lecture. Students are expected to participate in class discussions, and be curious, thoughtful, and constructive. We will follow the textbook reasonably closely, and students should review the suggested study materials before joining the class. There will be two lectures per week of 75 minutes each. Students should not expect to pass the course if they fail to attend the lectures regularly. There will be regular in-class assignments. This will help students understand better their learning and overall progress. Students are invited and encouraged to discuss all aspects of the course with the instructor and among each other.
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(NOTE 2) Class schedule is subject to change

Class Schedule	
Class Number	Content
Class 1	Module 1 – Concept of sustainability and sustainable development Global sustainability issues
Class 2	Module 1 – Concept of sustainability and sustainable development Different Economics thoughts are related to the relationship between humans and the environment.
Class 3	Module 1 – Concept of sustainability and sustainable development Concept of sustainability and sustainable development
Class 4	Module 1 – Concept of sustainability and sustainable development Concept of sustainability and sustainable development
Class 5	Module 2 – Governments and sustainable development
Class 6	Module 2 – Governments and sustainable development
Class 7	Module 2 – Governments and sustainable development
Class 8	Module 2 – Governments and sustainable development
Class 9	Module 2 – Governments and sustainable development Presentations on Governments and sustainable development
Class 10	Module 2 – Governments and sustainable development Presentations on Governments and sustainable development
Class 11	Module 2 – Governments and sustainable development Presentations on Governments and sustainable development

Class 12	Module 2 – Governments and sustainable development Presentations on Governments and sustainable development
Class 13	Module 2 – Governments and sustainable development Presentations on Governments and sustainable development
Class 14	Module 2 – Governments and sustainable development Presentations on Governments and sustainable development
Class 15	Module 3 – How to avoid a climate disaster Private Sector (Business and Industries) and Sustainable development
Class 16	Module 3 – How to avoid a climate disaster Private Sector (Business and Industries) and Sustainable development
Class 17	Module 3 – How to avoid a climate disaster Private Sector (Business and Industries) and Sustainable development
Class 18	Module 3 – How to avoid a climate disaster Private Sector (Business and Industries) and Sustainable development
Class 19	Module 3 – How to avoid a climate disaster Private Sector (Business and Industries) and Sustainable development
Class 20	Module 3 – How to avoid a climate disaster Private Sector (Business and Industries) and Sustainable development
Class 21	Module 3 – How to avoid a climate disaster Presentations – Private Sector (Business and Industries) and Sustainable development
Class 22	Module 3 – How to avoid a climate disaster Presentations – Private Sector (Business and Industries) and Sustainable development
Class 23	Module 3 – How to avoid a climate disaster Presentations – Private Sector (Business and Industries) and Sustainable development
Class 24	Module 3 – How to avoid a climate disaster Presentations – Private Sector (Business and Industries) and Sustainable development

Class 25	Module 4 – How to avoid a climate disaster Consumption (Households) and Sustainable development
Class 26	Module 4 – How to avoid a climate disaster Consumption (Households) and Sustainable development
Class 27	Module 4 – How to avoid a climate disaster Presentations – Consumption (Households) and Sustainable development
Class 28	Module 4 – How to avoid a climate disaster Presentations – Consumption (Households) and Sustainable development
Class 29	Module 4 – How to avoid a climate disaster Presentations – Consumption (Households) and Sustainable development
Class 30	Module 4 – How to avoid a climate disaster Presentations – Consumption (Households) and Sustainable development