

Course number		U-LAS61 10014 LE17					
Course title (and course title in English)	Introduction to Sustainable Development-E2			Instructor's name, job title, and department of affiliation	Graduate School of Global Environmental Studies Associate Professor,TRENCHER, Gregory Graduate School of Energy Science Associate Professor,AU Ka Man		
	Introduction to Sustainable Development-E2						
Group	Interdisciplinary Sciences			Field(Classification)	Environmental Sciences		
Language of instruction	English			Old group		Number of credits	2
Number of weekly time blocks	1	Class style	Lecture (Face-to-face course)		Year/semesters	2025 • Second semester	
Days and periods	Thu.4		Target year	Mainly 1st & 2nd year students	Eligible students	For all majors	
[Overview and purpose of the course]							
Sustainable development tries to satisfy people's present needs while maintaining the ability of future generations to meet their own needs. It also requires a triple focus on environmental, economic and social aspects. In this course we will explore how nations can balance growth with environmental health. After studying about various sustainability challenges such as climate change, plastic waste, agriculture, health/ diets, energy and social capital, students will develop their own development project proposals.							
[Course objectives]							
Students will gain an understanding of the core principles of sustainable development and their application through global and local case studies. At the conclusion of the course students will present their own sustainable development project proposals to the class, applying a Sustainable Development Goals (SDG) approach to determine the best approach for addressing specific societal and environmental problems.							
[Course schedule and contents)]							
This course will cover the following topics (and may change if required):							
1. Introduction to sustainable development (Trencher)							
2. Climate change (Trencher)							
3. Sustainable mobility for ageing society (Trencher)							
4. Meat consumption (Trencher)							
5. Guidance on project work (Both)							
6. Case studies in Japan and around the world - guest speaker (Trencher)							
7. Natural capital (Au)							
8. Social capital (Au)							
9. Energy (Au)							
10. The future of energy and more on climate change (Au)							
11. Guest lecture or specialized topics (Au)							
12. Proposal preparation (Both)							
13. Student development proposals (Both)							
14. Student development proposals and conclusion (Both)							
15. Feedback (by appointment)							
[Course requirements]							
- Participation is required. This is not just attendance - it means joining the conversation. If you must miss a class, explain reason to instructor. Come on time (2 lates = 1 absent).							

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Introduction to Sustainable Development-E2(2)

- Come to class prepared. Read the chapters or articles to be covered before class. Be ready to discuss your ideas. Files will generally be uploaded to the Panda site before class.
- Complete assignments on time. Assignments must be handed in on their due dates and by the due time. If an extension is needed, you must talk with the instructor in advance. All written work must be original to receive credit.

[Evaluation methods and policy]

Individual components

- 1.Attendance and participation: 10%
- 2.In-class exercises and short assignments: 40%

Group-work components

- 3.Group project proposal outline (1 page) 5%
- 4.Final group presentation: 25%
- 5.Final group report: 20%

[Textbooks]

Not used

[References, etc.]

(References, etc.)

Introduced during class

A reading list and some freely-available resources are provided in Panda.

[Study outside of class (preparation and review)]

Final presentation requires students to spend time out of class hours in preparation.

[Other information (office hours, etc.)]

Consultation is available by prior arrangement.