

<b>Course number</b>		U-LAS61 10014 LE17					
<b>Course title (and course title in English)</b>	Introduction to Sustainable Development-E2			<b>Instructor's name, job title, and department of affiliation</b>	Graduate School of Energy Science Professor,MCLELLAN , Benjamin Graduate School of Global Environmental Studies Associate Professor,SINGER JANE		
	Introduction to Sustainable Development-E2						
<b>Group</b>	Interdisciplinary Sciences			<b>Field(Classification)</b>	Environmental Sciences		
<b>Language of instruction</b>	English			<b>Old group</b>		<b>Number of credits</b>	2
<b>Number of weekly time blocks</b>	1	<b>Class style</b>	Lecture (Face-to-face course)		<b>Year/semesters</b>	2024 • First semester	
<b>Days and periods</b>	Thu.4		<b>Target year</b>	Mainly 1st & 2nd year students	<b>Eligible students</b>	For all majors	
<b>[Overview and purpose of the course]</b>							
Sustainable development tries to satisfy people's present needs while maintaining the ability of future generations to meet their own needs. In this course we will explore how nations can try to balance growth with environmental health.							
<b>[Course objectives]</b>							
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 development project proposals to the class.							
<b>[Course schedule and contents)]</b>							
<p>This course will cover the following topics:</p> <ol style="list-style-type: none"> <li>1. Introduction: Definition and principles of sustainable development (Singer)</li> <li>2. Identifying developed/developing countries and the goals of development (Singer)</li> <li>3. History of development and ODA, why some countries succeed (Singer)</li> <li>4. Population, migration and urbanization (Singer)</li> <li>5. Food, agriculture and rural issues (Singer)</li> <li>6. Natural capital (water and other resources, ecosystem services) (McLellan)</li> <li>7. Social capital (stakeholders, cultural sustainability) (McLellan)</li> <li>8. Energy issues (McLellan)</li> <li>9. Business, trade and globalization (McLellan)</li> <li>10. Global treaties, climate change and fair trade (McLellan)</li> <li>11. Case studies from Japan and the world (McLellan)</li> <li>12. Proposal preparation (Singer)</li> <li>13. Student development proposals (Singer/McLellan)</li> <li>14. Student development proposals and conclusion (Singer/McLellan)</li> </ol> <p>Each of the above topics covers 1-2 class weeks. The course overall consists of 14 classes and one feedback session.</p>							
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## Introduction to Sustainable Development-E2(2)

### **[Course requirements]**

Enthusiasm about the topic and willingness to share ideas in class.

### **[Evaluation methods and policy]**

1. Attendance and participation: 30%
2. In-class exercises and short assignments: 25%
3. Project outline: 5%
4. Final presentations and report: 40%

Standard scoring scale will be applied

### **[Textbooks]**

Not used

### **[References, etc.]**

( **References, etc.** )

Richard Heinberg, Daniel Lerch 『The Post Carbon Reader: Managing the 21st Century's Sustainability Crises』 ( Watershed Media ) ISBN:978-0-9709500-6-2 ( Not compulsory, but highly recommended. )  
R. Potter, D. Conway, R. Evans, and S. Lloyd-Evans 『Key Concepts in Development Geography』 ( Sage ) ISBN:978-0857025845 ( Not compulsory, but highly recommended. )

### **[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.)]**