

<b>Course number</b>		U-LAS61 10013 LE78					
<b>Course title (and course title in English)</b>		Introduction to Food Sustainability-E2 Introduction to Food Sustainability-E2		<b>Instructor's name, job title, and department of affiliation</b>		Graduate School of Agriculture Associate Professor,Garry John PILLER	
<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> 2025 • Second semester	
<b>Days and periods</b>		Thu.2		<b>Target year</b> Mainly 1st & 2nd year students		<b>Eligible students</b> For all majors	
<b>[Overview and purpose of the course]</b>							
In this course an interdisciplinary, systems approach is taken to gain a working knowledge of the historical, social and ecological foundations of sustainability. In addition, we will explore emerging challenges presented by climate change, resource depletion, and the constraints imposed on modern food systems from an Asian perspective.							
<b>[Course objectives]</b>							
The expectations and goals for the students taking this course are as follows: <ol style="list-style-type: none"> <li>1. Be able to define and explain key issues in sustainable food systems from multiple perspectives.</li> <li>2. Develop their critical and reflective thinking skills related to food, environmental, economical and social interactions.</li> <li>3. Develop effective communication skills and be able to engage in thoughtful discussion of current food security issues</li> </ol>							
<b>[Course schedule and contents)]</b>							
Class Schedule <ol style="list-style-type: none"> <li>1. Introduction</li> <li>2. Origins of Sustainability</li> <li>3. Tragedy of the Commons</li> <li>4. Population Growth &amp; Urbanization</li> <li>5. Economic Development - Changes in Dietary Patterns</li> <li>6. Food Security/ Sovereignty</li> <li>7. Climate Change &amp; its Impacts</li> <li>8. Food: Biodiversity</li> <li>9. Food: Water</li> <li>10. Food: Energy</li> <li>11. Food: Fertilizers</li> <li>12. Food: Land &amp; Soils</li> <li>13. Food: Environmental Impacts/ Waste</li> <li>14. Emerging Issues: Biotechnology, Biofuels</li> </ol> Feedback							
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Continue to Introduction to Food Sustainability-E2(2)							

## Introduction to Food Sustainability-E2(2)

### **[Course requirements]**

None

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

Grading: Class attendance, active participation and listening quizzes (20%), weekly quizzes based on assigned pre-class reading materials (30%), mid-term essay (30%), and an in-class group presentation (20%).

### **[Textbooks]**

Not used

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

( References, etc. )

Handouts and supplemental readings will be distributed electronically and/or as a hard copy in class

### **[Study outside of class (preparation and review)]**

Students should read or listen to the required pre-class materials and submit any required assignment before the class, and come to class ready to participate in class activities. Typically, this will entail listening to a short video or podcast (10 min. or less), as well as reading a 2 or 3 page handout and be prepared to write answers to 1 or 2 questions about the reading material in the following class (15 to 20 minutes provided in class).

### **[Other information (office hours, etc.)]**

Open door policy during office hours, and anytime by email.

### **[Essential courses]**