

Course number		U-LAS61 10013 LE78					
Course title (and course title in English)		Introduction to Food Sustainability-E2 Introduction to Food Sustainability-E2		Instructor's name, job title, and department of affiliation		Graduate School of Agriculture Associate Professor,Garry John PILLER	
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.2		Target year		Mainly 1st & 2nd year students	
				Eligible students		For all majors	
[Overview and purpose of the course]							
<p>In this course an interdisciplinary, systems approach is taken to broaden and deepen the understanding of concepts, stakeholder perspectives and the complexity of food systems sustainability beyond their own chosen discipline. To achieve this, course work, case studies from various countries, as well as group activities (break out rooms in Zoom), will be undertaken to foster knowledge exchange and communication between the participants, who come from a diverse range of faculties and schools within Kyoto University. By doing so, the course aims to equip participants with lateral, integrative and forward-thinking skills; who have the capability to contribute to and lead future changes in the food system from a local to a global scale.</p>							
[Course objectives]							
<p>The expectations and goals for the students taking this course are as follows:</p> <ol style="list-style-type: none"> 1. Be able to define and explain key issues in sustainable food systems from multiple perspectives. 2. Develop their critical and reflective thinking skills related to food, environmental, economical and social interactions. 3. Develop effective communication skills and be able to engage in thoughtful discussion of current food security issues 							
[Course schedule and contents)]							
<p>Class Schedule</p> <ol style="list-style-type: none"> 1. Introduction 2. Origins of Sustainability 3. Tragedy of the Commons 4. Population Growth & Urbanization 5. Economic Development - Changes in Dietary Patterns 6. Food Security/ Sovereignty 7. Climate Change & its Impacts 8. Food: Biodiversity 9. Food: Water 10. Food: Energy 11. Food: Fertilizers 12. Food: Land & Soils 13. Food: Environmental Impacts/ Waste 14. Emerging Issues: Biotechnology, Biofuels 15. Feedback 							
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Introduction to Food Sustainability-E2(2)

[Course requirements]

None

[Evaluation methods and policy]

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

[Textbooks]

Not used

[References, etc.]

(**References, etc.)**

Handouts and supplemental readings will be distributed electronically, as well as being uploaded to Panda

[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 be ready to join and participate in class (Zoom) 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 pdf file and be prepared to write answers to 1 or 2 questions about the reading material in the following Zoom class (15 to 20 minutes provided in class).

[Other information (office hours, etc.)]

Open "door" policy through email.

[Essential courses]