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| 科目ナンバリング | | | | | | | | | |
| 授業科目名 <英訳> | | Introduction to Food Sustainability-E2 Introduction to Food Sustainability-E2 | | | 担当者所属 職名・氏名 | | 農学研究科 准教授 Garry John PILLER | | |
| 群 | 統合科学科目群 | | | 分野(分類) | 環境 | | 使用言語 | 英語 | |
| 旧群 | | 単位数 | 2単位 | 週コマ数 | 1コマ | 授業形態 | 講義（対面授業科目） | | |
| 開講年度・ 開講期 | 2025・後期 | | 曜時限 | 木2 | | 配当学年 | 主として1・2回生 | 対象学生 | 全学向 |
| 【授業の概要・目的】 | | | | | | | | | |
| 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. | | | | | | | | | |
| 【到達目標】 | | | | | | | | | |
| The expectations and goals for the students taking this course are as follows: 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 | | | | | | | | | |
| 【授業計画と内容】 | | | | | | | | | |
| Class Schedule 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 Feedback | | | | | | | | | |
| 【履修要件】 | | | | | | | | | |
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| ----- Introduction to Food Sustainability-E2(2)へ続く ----- | | | | | | | | | |

Introduction to Food Sustainability-E2(2)

【成績評価の方法・観点】

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%).

【教科書】

使用しない

【参考書等】

(参考書)

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

【授業外学修（予習・復習）等】

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).

【その他（オフィスアワー等）】

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

【主要授業科目（学部・学科名）】