

科目ナンバリング		U-LAS61 10014 LE17									
授業科目名 <英訳>		Introduction to Sustainable Development-E2 Introduction to Sustainable Development-E2				担当者所属 職名・氏名		地球環境学舎 准教授 TRENCHER, Gregory エネルギー科学研究科 准教授 AU Ka Man			
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	2024・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】											
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.											
【到達目標】											
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.											
【授業計画と内容】											
This course will cover the following topics (and may change if required): 1.Introduction: Definition and principles of sustainable development (Trencher/Ka Man) 2.Climate change: The science and surprising impacts (Trencher) 3.Plastic waste crisis in the oceans (Trencher) 4.Diets for a sustainable planet (Trencher) 5.Case studies in Japan and around the world - guest speakers (Trencher) 6.Sustainable road transport: The road to electrification (Trencher) 7.Natural capital (water and other resources, ecosystem services) (Ka Man) 8.Social capital (stakeholders, cultural sustainability) (Ka Man) 9.Energy issues (Ka Man) 10.Business, trade and globalization, global treaties and climate change (Ka Man) 11.Case studies in Japan and around the world - guest speakers (Ka Man) 12.Proposal preparation (Trencher/Ka Man) 13.Student development proposals (Trencher /Ka Man) 14.Student development proposals and conclusion (Trencher /) 15. Feedback (by appointment)											
【履修要件】											
- 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). - 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											
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Introduction to Sustainable Development-E2(2)

credit.

【成績評価の方法・観点】

Individual components

- 1.Attendance and participation: 15%
- 2.In-class exercises and short assignments: 35%

Group-work components

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

【教科書】

使用しない

【参考書等】

（参考書）
授業中に紹介する

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

【授業外学修（予習・復習）等】

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

【その他（オフィスアワー等）】

Please contact the instructor to set up an office meeting. You will be informed of the instructor's email address in class.