

平成23年度研究科横断型教育プログラム(Aタイプ)授業科目

担当研究科名 Department	地球環境学舎(京都サステイナビリティ・イニシアティブ) Global Environmental Studies		横断区分	文理横断型	開講場所 Room	吉田キャンパス 総合研究5号館大講義室			
授業科目名 Course Title	サステイナビリティ学最前線 Frontier of Sustainability Science				講義担当者 所属・氏名 Instructor	Akihisa MORI, Global Environmental Studies Satoshi KONISHI, Institute of Advanced Energy, etc			
配当学年 Eligible for	Master	単位数 Credit	2	開講期 Semester	前期	曜時限 Time	July 9, 16, 17 (Intensive)	授業形態 Format	Lecture
【授業の概要・目的】 Course Description									
<p>This course is designed to learn a variety of research frontier of Sustainability Science. Sustainability Science is a new academic field that was lately created to find out ways to attain sustainable development and sustainable society. By understanding a variety of academic fields related to sustainability and interactions among them, students are expected to get recognition, beliefs and instruments, not to mention to technological solution and practical knowledge that help to advance sustainable development</p> <p>【研究科横断型教育の概要・目的】 This course aims to provide an integrated and inter-disciplinary approach to sustainability science. Lectures consisting from a variety of academic field, including philosophy, politics, economics, energy, architecture, meteorology and marine science and so on</p>									
【授業計画と内容】 Course Schedule									
<p>Lectures are given by professors belonging to the five universities through remote conference system: Hokkaido University, Ibaragi University, University of Tokyo, Osaka University and Kyoto University. After the lectures, students are expected to make presentation on a way to advance sustainable development. All the lectures and group works are given in English. Detailed description is as follows.</p> <p>Lecture 1: Introduction Lecture 2-5: Conceptual and ethical viewpoints: Environmental discourses, Environment and development in Africa, Environmental conservation and Ainu people Lecture 6-10: Science and technological viewpoints: Advanced energy development, Urban tree-planting, Climate change adaptation, Sustainable fishery management, Lecture 11: Consensus building Lecture 12-14 Group works and presentation</p>									
【履修要件】 Requirement									
<p>In English Students are expected to take classes on environmental studies or development studies.</p>									
【成績評価の方法・基準】 Grading									
Group presentation in the class and a post-lecture report									
【教科書】 Textbooks									
None									
【参考書等】 References									
United Nations University, Sustainability Science: A Multidisciplinary Approach, Tokyo: UNU Press, 2011									
【その他(授業外学習の指示・オフィスアワー等)】 Other Information									