

④ 科目名	環境経済学特論
④ 科目名/Subject	Environmental Economics
④ 担当教員	日引 聡
④ 担当教員/Instructor	AKIRA HIBIKI
④ 曜日・講時/Day/Period	後期 月曜日 3講時
④ 対象学年 /Eligible Participants	全/AII
④ 科目ナンバリング /Course Numbering	EEM-ECO605E
④ 単位数/Credit(s)	2

④ 授業の目的 と概要 /Object and summary of class	Google Classroom: 2rif6sn This course applies standard microeconomic theory and concepts to understand the role of environmental policy. The students should have completed Calculus and microeconomics courses of advanced undergrad level before taking this class.
④ 学修の 到達目標 /Goal of study	At the end of the course, students should be able to understand the basic knowledge of environmental economics.
④ 授業内容・ 方法と 進度予定 /Contents and progress schedule of the class	(Class 1) External cost (negative externality) and the market failure : Case of pollution (Class 2)The optimal environmental policy in the case of pollution under the competitive market. (Class 3)External benefit and the market failure : case of afforestation (Class 4)The optimal environmental policy in the case of external benefit under the competitive market (Class 5) Optimal market size in the case of nevtive externality under the competitive market and the long term optimal environmental policy (Class 6) The optimal environmental policy in the monopolistic market. (Class 7-8)Incentive of adoption of environmental friendly technology (or investment) and environmental policy (Class 9-10) Choice of environmental policy instruments under uncertainty: environmental tax or command and control (Class 11-12) Emission trading scheme (Class 13) Information provision and choice of quality by producers (Class 14-15)Economic analysis of liability law toward the (environmental) accident: how do the injurers and the victims be responsible for the damage respectively? What is the optimal liability rule to induce them to choose the optimal accident avoidance behavior?
④ 実務・ 実践的授業 /Practical business ※〇は、 実務・実践的 授業であることを 示す。 /Note: "〇" Indicates the practical business	
④ 使用言語 /Language Used in Course	English
④ 成績 評価方法 /Evaluation method	Based on the final examination (70%) and quizzes (30%)
④ 教科書 および 参考書 /Textbook and references	
④ 関連URL /URL	
④ 授業時間外 学修 /Preparation and Review	The students are expected to read materials distributed in the class beforehand.
④ 添付	

ファイル /Attached File	
その他 /In addition	(1) This course will be taught in English. The materials for the lectures are distributed in the class. The students must have basic knowledge of microenocomics. (2) This course will be conducted face-to-face, when BCP level is 0 or 1. Otherwise it will be conducted online. (3) Office hour : by appointment (email : hibiki@tohoku.ac.jp)
更新日付 /Last Update	2021/10/01 17:50
	<p>1単位の授業科目は、45時間の学修を必要とする内容をもって構成することを標準としています。1単位の修得に必要な学修時間の目安は、「講義・演習」については15～30時間の授業および授業時間外学修(予習・復習など)30～15時間、「実験、実習及び実技」については30～45時間の授業および授業時間外学修(予習・復習など)15～0時間です。</p> <p>One-credit courses require 45 hours of study. In lecture and exercise-based classes, one credit consists of 15-30 hours of class time and 30-15 hours of preparation and review outside of class. In laboratory, practical training, and practical skill classes, one credit consists of 30-45 hours of class time and 15-0 hours of preparation and review outside of class.</p>