

112學年度第2學期生物資源暨農學院農業經濟學系(所)新開課程大綱

112-2 Spring 2024 New course outline

課程資訊 Course Description	
課程名稱 Course Name	International Environmental Policy
開課學期 Semester	112-2 (Spring 2024)
開課系所 Department	農業經濟學系 Department of Agricultural Economics
授課教師 Instructor	Jeffrey C. Begun
課號/課程識別碼 Course number	AGEC5060/627 M5370
授課對象 Teaching object	學士班 Undergraduate <input type="checkbox"/> 1年級 First grade <input type="checkbox"/> 2年級 Second grade <input type="checkbox"/> 3年級 Third grade <input type="checkbox"/> 4年級 Fourth grade X <input type="checkbox"/> 碩士班 Master <input type="checkbox"/> 博士班 PhD student
學分 Credit	3
全/半年 Yearlong or one-semester	One semester
必/選修 Required /Elective	Elective
課程大綱 Course Outline	
課程概述 Course Description	<p>In this course we'll examine the environmental impact economic growth and the various policies individual governments, international organizations, NGOs, etc. have put in place in order to limit environmental harm. Particular attention will be paid to climate change, though we will also delve into other important environmental issues such as deforestation, ecosystem services, and recycling. We will analyze environmental policy from both a theoretical and empirical perspective while incorporating recent articles from news sources such as <i>The New York Times</i>. A good deal of attention will be paid to environmental policy in China, the U.S., India, and Europe due to the large (and often growing) environmental impact of these countries/regions.</p>
課程目標 Course Objectives	<p>The student learning objectives are to: 1) Gain a broad understanding of important global environmental issues, 2) Be able to interpret complex qualitative and quantitative information when analyzing important questions of environmental policy, 3) Work well with others in order to carefully critique book chapters, scholarly journals, videos, podcasts, and news articles during in-class group work, 4) Learn how to think critically about graphs and statistics in order to determine the validity of environmental and political-economic claims, and 5) Synthesize existing research on environmental policy in order to support your view in an argumentative essay.</p>

課程要求 Requirements	None										
指定閱讀 Assigned Readings	<ol style="list-style-type: none"> 1. Klein (2014), <i>This Changes Everything: Capitalism vs The Climate</i> 2. Stevenson (2018), <i>Global Environmental Politics: Problems, Policy and Practice</i> 3. Chasek and Downie (2021), <i>Global Environmental Politics</i> <p>(note: only some chapters from these books will be assigned)</p>										
參考書目 References	<ol style="list-style-type: none"> 1. Clapp and Dauvergne (2011), <i>Paths to a Green World</i> 2. Stoett, P. with S. Mulligan (2019), <i>Global Ecopolitics</i> 3. Henson (2019), <i>The Thinking Person's Guide to Climate Change</i> 4. Hawken (2017, ed.), <i>Drawdown: The Most Comprehensive Plan Ever Proposed to Reverse Global Warming</i> 5. Hansen (2009), <i>Storms of My Grandchildren: The Truth about the Coming Climate Catastrophe and Our Last Chance to Save Humanity</i> 										
評量方式 Grading	<table> <tr> <td>Class Participation/Effort</td> <td>10%</td> </tr> <tr> <td>Homework Assignments</td> <td>10%</td> </tr> <tr> <td>Group Assignments in Class</td> <td>10%</td> </tr> <tr> <td>Research Paper</td> <td>30%</td> </tr> <tr> <td>Final Exam</td> <td>40%</td> </tr> </table>	Class Participation/Effort	10%	Homework Assignments	10%	Group Assignments in Class	10%	Research Paper	30%	Final Exam	40%
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Final Exam	40%										
課程進度 Course Progress	單元主題 Topics for each week										
第1週 Week1	Introduction										
第2週 Week2	Economic Growth and its Environmental Impact – A Preliminary Analysis										
第3週 Week3	Market Failures, Government Regulation, and Public Investment										
第4週 Week4	Taxes, Subsidies, and Tradeable Permits										
第5週 Week5	Climate Change										
第6週 Week6	The Environmental Impact of International Trade and Foreign Investment										
第7週 Week7	Sustainable Development										
第8週 Week8	The UN, IFIs, NGOs, Business, and the Environment										
第9週 Week9	Case study – U.S.										
第10週 Week10	Case study – Europe										
第11週 Week11	Case study – China										
第12週 Week12	Ecosystem Services and Natural Resource Management										
第13週 Week13	Agriculture, Land Use, and Deforestation										
第14週 Week14	Hazardous Waste and Chemicals, Plastic, and Recycling										
第15週 Week15	The Developing World, Population, and the Environment										
第16週 Week16	期末考 Final Exam										
第17週 Week17	彈性補充教學 Flexible supplementary teaching week										
第18週 Week18	彈性補充教學 Flexible supplementary teaching week										