

 シラバス参照

<<Last Updated:2025/02/28>>

Course Schedule Information

Course Code	Z26029
Semester	Fall and Winter Term
Day and Period	Tue3
Course Name (Japanese)	Special Topic in Human Sciences V (Climate Change and Energy Transition Governance)
Course Name	Special Topic in Human Sciences V (Climate Change and Energy Transition Governance)
Capacity	0
Room	School of Human Sciences/Main School HouseLecture Room32
Course Numbering Code	01HUSC3D001
Type of Class	Lecture Subject
Credits	2.0
Student Year	2,3,4
Instructor	BABOVIC ALEKSANDRA
Course of Media Class	Not Applicable

※About Course of Media Class

"Course of Media Class" are classes in which more than half of the classes are held in places other than classrooms by making advanced use of various media.

Undergraduate students can include up to 60 credits in media class course as requirements for graduation.

Even if this is not the case, we may hold classes using the media.

Basic Syllabus Information

Eligibility	2nd, 3rd and 4th year undergraduate students
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Detailed Syllabus Information

Course Subtitle	Climate Change and Energy Transition Governance	
Language of the Course	English	
Learning Methods	Listening and watching face-to-face/online class: Listening and watching a lecture, video, or demonstration, face-to-face or via online (e.g., attending a face-to-face lecture, watching an on-demand video) Reading: Reading books and academic papers (e.g., summarizing an academic paper, reading information on a website) Discussion: Learning through question-and-answer interactions and exchanges of opinions among students and between students and the instructor (e.g., pair/group discussion, online chat, one-on-one guidance for writing an academic paper) Collaborative work: Working as a pair or a group (e.g., producing a poster through group work) Research: Collecting information from books and academic papers; gathering and analyzing data by fieldwork (e.g., review of previous research, fieldwork) Presentation: Writing papers, making presentations, and creating works (e.g., report writing, oral/poster presentation, creation of works, portfolio development) Online lecture, on-demand content reading, research to deepen the existing concepts and forum contribution write up and discussion, in-class panel discussion/presentation (group coordination), newspaper briefs	
Course Objectives	The purposes of this course are to learn the causes and consequences of international trade and to evaluate various trade policies. Different trade theories (e.g. the Ricardian model, the Heckscher-Ohlin model, and the new trade theory) are evaluated and these theories are related to trade policy issues, including current international events. We will also cover multinational corporations (MNCs) and foreign direct investment (FDI), international labor mobility, the political economy of trade policy, and trade policy in developing countries.	
Learning Goals	1	- Understand when and how a nation can gain from trade. - Determine who will become better off and who will become worse off from trade liberalization and protection. - Explain why the theory does not give us an accurate prediction of the real world phenomenon. - Understand how two countries that are identical in technology and resource endowments can gain from trade when there are economies of scale. - Describe a firm's decision regarding foreign direct investment. - Determine why labor migrates and what effects labor migration causes. - Explain the effect of a tariff on real incomes of skilled workers and unskilled workers in a given country. - Demonstrate how multilateral negotiations help avoid a trade war between countries.
Requirements, Prerequisites	An introductory microeconomics class, or concurrent enrollment in either "Advanced Economics" (course code: Z26061) or "Economic World: Introduction to Microeconomics and International Trade" (course code: 135171).	
Class Plan	1st	Period: Day: Title:Introduction lecture What is climate governance and why is energy transition important? Mapping out the themes, structure of the course, requirements.

		Independent Study Outside of Class : Read the required readings and writer short module analysis (monthly basis), conduct one discussion (1 time during the semester), write the final group report.
	2nd	Period: Day: Title:Climate governance - definition and scope
		Van Asselt, Harro and Zelli Fariborz "Domains and Actors of Governance," in Governing Climate ChangePolycentricity in Action?. Cambridge University Press (2018), 27 - 96.
		Stranadko, N. Global climate governance: rising trend of translateral cooperation. Int Environ Agreements 22, 639–657 (2022). https://doi.org/10.1007/s10784-022-09575-6
		Independent Study Outside of Class :
	3rd	Period: Day: Title:Energy transition - definition and relevance
		Hartley, Peter, "Climate Change and Energy Security Policies: Are They Really Two Sides of the Same Coin?, In Handbook of Transitions to Energy and Climate Security
		Independent Study Outside of Class :
	4th	Period: Day: Title:Implementation of energy transition - comparative approach
		Vogiya, Marlen et al. (2020), "International Energy Transition: A Review of its Status on Several Continents," International Journal of Energy Economics and Policy 10 (6), 216-224.
		"Why Japan is No-Longer a Front-Runner: Domestic Politics, Renewable Energy, and Climate Change Policy," In Midford Paul and Espen Moe, New Challenges and Solutions for Renewable Energy: Japan, East Asia and Northern Europe. Cham: Palgrave Macmillan, 2021.
		Independent Study Outside of Class :
	5th	Period: Day: Title:Policy framework for governing and financing energy transition
		Dell'Aquila, Marco, Daniel Atzori, and Ofelia Raluca Stroe, "The Role of Policy Design and Market Forces to Achieve an Effective Energy Transition: A Comparative Analysis Between the UK and Chinese Models," In The Geopolitics of Global Energy Transition (2020), 227-255.
		Van de Putte, Alexander, Akshu Campbell-Holt and George Littlejohn, "Financing the Sustainable Energy," In The Geopolitics of Global Energy Transition (2020), 257-277.
		Independent Study Outside of Class :
	6th	Period: Day: Title:Financial tools and market players of energy transition
		"Carbon Pricing for Energy Transition and Decarbonization," ADB Report, November 2022.
		Vizcarra, Hana, "Shifting Perspectives: E&P Companies Talk Climate and the Energy Transition," Corporate Climate Disclosures, Environmental and Energy Law program, March, 26, 2019. "The thorny path to energy transition: Why EPC companies need to reposition themselves," Roland Berger report, July 2022, 1-8.
		Independent Study Outside of Class :
	7th	Period: Day: Title:Fossil fuel and raw materials industry's role in energy transition
		Church, Clare and Alec Crawford, "Minerals and Metals for the Energy Transition: Exploring the Conflict Implication for Mineral-Rich, Fragile States," In The Geopolitics of Global Energy Transition (2020), 279-304.
		"The Oil and Gas Industry in Energy Transitions," World Energy Outlook special report, IEA, 2020. (excerpts)
		Independent Study Outside of Class :
	8th	Period: Day: Title:The Nuclear power in green energy transition
		Bowen, Matt and Kat Guanio, "A Critical Disconnect: Relying on Nuclear Energy in Decarbonization Models While Excluding it from Climate Finance Taxonomies," Columbia SIPA Commentary (July 2023).
		Mansouri et al. "The Role of Nuclear Power in Clean Energy and Green Transitions," Observer Research Foundation, T20 Policy Brief, July 26, 2023.
		Independent Study Outside of Class :
	9th	Period: Day: Title:Technology as enabler of energy transition
		"The Role of Technology in Enabling Energy Transition", Webinar
		Gitelman, Lazar D. And Mikhail V. Kozhevnikov, "New Approached to the Concept of Energy Transition in the Time of Energy Crisis, " Sustainability 2023, 15 (6), 5167.
		Independent Study Outside of Class :
	10th	Period: Day: Title:Innovation and energy transition: running at different paces?
		Khan, Khalid and Chi Wei Su, "Does Technology Innovation Complement the Renewable Energy Transition," Environmental Science and Pollution Research 30, 30144-30154 (2023).
		"Accelerating the Energy Transition through Innovation," IRENA Working Paper, (2017).
		Independent Study Outside of Class :
	11th	Period: Day: Title:Environmental safety of renewable energy
		Moore, Andrew, "Renewable Energy Poses Challenge for Wildlife Conservation, " College of Natural Resources News, November 13, 2019.
		Karlsson, Carl-Johan and Katarina Zimmer, "Green Energy's Dirty Side Effects," Foreign Policy, June 18, 2020.
		"Environmental Impact of Renewable Energy - A Value Chain Approach," AIIB, November 17, 2021.

		Independent Study Outside of Class :					
	12th	Period: Day: Title:Social acceptance and reputation of renewable energy sources					
		Ellis, Geraint, Nina Schneider, Rolf Wüstenhagen, “Dynamics of social acceptance of Renewable Energy: An Introduction to the Concept,” Energy Policy 181, October 2023.					
		Howlett, Alex, “‘Culture war’ threatens to undermine green energy transition,” Financial Times, September 11, 2023.					
		Independent Study Outside of Class :					
	13th	Period: Day: Title:Citizens science and talent in renewable energy transition					
		Barborsa, Luisa, Carlos del Canizo, Hema Revuelta, “Participatory citizen science in solar energy research: going beyond data collection to promote the energy transition,” Journal of Science Communication 21 (02), N06, 2022.					
		“Renewable energy and jobs, “ Annual Review 2022, IRENA. (excerpts)					
		Independent Study Outside of Class :					
	14th	Period: Day: Title:Guest Lecture					
		TBA					
		Independent Study Outside of Class :					
	15th	Period: Day: Title:Guest Lecture					
		TBA					
		Independent Study Outside of Class :					
Textbooks							
Reference							
Grading Policy *Hover the mouse over the number of a learning goal to view the full text of it.		Evaluation Methods	Presentation	Report/paper	Forum contribution (mini essay)	Learning engagement	
		Learning Goals1	○	○	○	○	
		Allocation of Marks	30%	30%	30%	10%	
Additional Information on Grading							
Reasonable Accommodation		• If you need reasonable accommodation to participate in this class due to disability (including intractable disease and chronic condition), please contact the office for students with disabilities (e.g., Educational Affairs Section, Academic Affairs Section, Student Affairs Section) at your school/faculty or graduate school, or the Disability Advisory and Support Service Office of the Health and Counseling Center. • For more information, please visit the following website or contact the Disability Advisory and Support Service Office of the Health and Counseling Center. Website : https://acs.hacc.osaka-u.ac.jp Tel : 06-6850-6107 E-mail : campuslifekenkou-ac@office.osaka-u.ac.jp					
Special Note		This course will be conducted in hybrid form, with a mixture of in-person/Zoom meetings, and on demand content.					
Office Hours		Wednesday, 15:10 (by prior appointment)					

Instructor(s)

Instructor Name	Name (hiragana)	Affiliation, Title, Course	Office	Extension	E-mail
No data found					

Cautions for Students

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