

Subject card

Subject name and code	Global environmental issues and sustainable development – challenges, opportunities, solutions, PG_00210087						
Field of study	Biology						
Date of commencement of studies	October 2024		Academic year of realisation of subject				
Education level	Bachelor’s studies		Subject group		Obligatory subject group in the field of study Optional subject group		
Mode of study	full-time studies		Mode of delivery		e-learning		
Year of study	3		Language of instruction		Polish Generally in Polish; some illustrative materials in English		
Semester of study	6		ECTS credits		2.0		
Learning profile	academic		Assessment form		credit		
Conducting unit							
Name and surname of lecturer (lecturers)	Subject supervisor		dr Piotr Pawliszak				
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	30.0	0.0	0.0	0.0	0.0	30
	E-learning hours included: 30.0						
Learning activity and number of study hours	Learning activity	Participation in didactic classes included in study plan		Participation in consultation hours		Self-study	SUM
	Number of study hours	30		0.0		20.0	50
Subject objectives	To familiarize students with global environmental issues, the systemic mechanisms underlying them, and the main approaches to mitigating and preventing their effects, as well as to identify reliable sources of knowledge on these issues and criteria for evaluating them, so that they may become active participants in the process of transforming society and civilization in accordance with the goals of sustainable development.						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
			A student has an advanced knowledge and understanding of the relationships between social structures and institutions at the micro and macro levels, on a national and international scale, in the field of environmental policy A student is able to interpret social phenomena resulting from the interaction of the economy, social life, cultural changes, and ecosystems using concepts from the field of sociology and sociological imagination. A student is prepared to supplement and refine their acquired knowledge and skills regarding the dynamics of socio-ecological systems		[SK4] test/exam - oral or written		

Subject contents	The Global Society of Risk and the Anthropocene Era Environmental Problems as Social Problems—A Systems-Based and Constructivist Approach Paradigms and Global Environmental Regimes—Historical Approaches to Mitigating Environmental Problems and Their Inadequacy in Addressing “Wicked” and “Messy” Problems Problems in Ecological-Social Systems—Sustainability and Resilience Global Sustainable Development Policy—History and the Present Climate Change as a Central Civilizational and Planetary Problem—Shaping Climate Policy at Various Levels Denialism, environmental awareness, issues of the effectiveness of scientific and environmental communication, social and cultural performances, narrative and analytical communication Mitigation and adaptation at the international—global and regional—levels, grassroots initiatives in the form of environmental movements, municipal-level networks, communities of practice, etc. Ecological modernization, socio-ecological transformation, concepts of de/post-growth Cultural theory as a tool for interpreting the processes of problem formation, problem definition, and the search for institutional solutions		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Test - Multiple-Choice and Open-Ended Questions	51.0%	100.0%
Recommended reading	Basic literature	Budziszewska M., Kardaś A., Bohdanowicz Z. (red.), Klimatyczne ABC, Wyd. UW, Warszawa 2021 (dostępne on-line) Kronenberg J., Bergier T. (red.), Wyzwania zrównoważonego rozwoju w Polsce, Fundacja Sendzimira, Kraków 2010 https://sendzimir.org.pl/wp-content/uploads/2019/01/Wyzwania_zrownowazonego_rozwoju_w_Polsce.pdf Popkiewicz P., Świat na rozdrożu, Sonia Dąga, Warszawa 2013 Agenda na rzecz zrównoważonego rozwoju 2030 – Implementacja w Polsce(file:///C:/Users/Piotr/AppData/Local/Temp/Agenda_2030_broszura_PL.pdf) Kolbert Elizabeth, Szóste wymiarowanie. Historia nienaturalna, Wydawnictwo W.A.B., Warszawa 2015	
	Supplementary literature	Z.W. Kundzewicz. Ciepłszy świat. Warszawa 2013 Kędzierska K., Chcieć mniej. Minimalizm w praktyce. Znak, Kraków 2016 (zob. też blog https://simplicite.pl/) Klein Naomi, To zmienia wszystko. Kapitalizm kontra klimat, Muza, Warszawa 2014 Lydney Philip, Isabel Oakeshott, Farmagedon. Rzeczywisty koszt taniego mięsa, Vivante 2015. Majcher Sylwia, Gotuję nie marnuję. Kuchnia zero-waste po polsku, Buchmann, Warszawa 2018 Montgomery Thomas, Miasto szczęśliwe. Jak zmienić nasze życie, zmieniając nasze miasta, Wysoki Zamek 2015 Rose Jonathan, Dobrze nastrojone miasto, Karakter, Kraków Wągrowa Katarzyna, Żyć bez śmieci i żyć lepiej, Znak, Kraków 2019 (zob. blog https://paulinagorska.com/zero-waste) Sapała Marta, Na marne, Wydawnictwo Czarne, 2019 Witkiewicz Ewa, Roślinna kuchnia zero waste. https://wolnaherbata.pl/wp-content/uploads/2019/12/Ewa-Witkiewicz-Ro%5c9blinna-Kuchnia-Zero-Waste.pdf Materiały Video: „Bogota change”; miasta przyszłości: https://www.youtube.com/watch?v=1p6ZxWojb4U Skubała P., Wkraczamy na planetarną terra incognita: https://www.youtube.com/watch?v=QE6ZEWzUpY Popkiewicz M., Czy globalne ocieplenie jest faktem?: https://www.youtube.com/watch?v=EgSlnI3CRT4 Rockström J., 5 transformational policies for a prosperous and sustainable world: https://www.youtube.com/watch?v=Rv-tDrv__mc&t	
	eResources addresses		

Example issues/ example questions/ tasks being completed	Which report, published by the World Commission on Environment and Development in 1987, famously defined sustainable development? (single choice) - Limits to Growth - The Brundtland Report - The Stern Review - Agenda 21 - IPCC 1st report Please watch the video and describe the entire process—from the removal of wolves to their reintroduction into Yellowstone National Park and the changes this caused—from the perspective of system resilience and system sustainability. What conclusions can be drawn from this example regarding the socio-ecological system of Planet Earth? (4 p.)
Work placement	Not applicable

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