

Subject card

Subject name and code	Economy and Environment, PG_00101839						
Field of study	Gospodarka a środowisko (Wykład)						
Date of commencement of studies	October 2024	Academic year of realisation of subject			2025/2026		
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			at the university		
Year of study	2	Language of instruction			Polish		
Semester of study	3	ECTS credits			2.0		
Learning profile	academic	Assessment form			exam		
Conducting unit							
Name and surname of lecturer (lecturers)	Subject supervisor		dr hab. Barbara Pawłowska				
	Teachers		dr hab. Barbara Pawłowska				
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: 0.0						
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	0.0	30		
Subject objectives	As a result of completing the course, the student develops the ability to view economic processes from the perspective of protecting and rationally using natural capital, understands the principle of sustainable development, and can identify tools that facilitate steering the economy towards this developmental path. They take social costs and benefits into account in everyday decisions.						
Learning outcomes	Course outcome	Subject outcome			Method of verification		
	[MSGL3_W09] has knowledge about a human being as an individual making economic decisions, acting within social structures and organisational units (in particular enterprises) or conducting individual economic activity	The student has knowledge of the human as an economic decision-maker operating within social structures and organizational units, particularly in enterprises or conducting individual economic activities. They also understand human interactions with the environment and are well-versed in the motives behind economic decision-making related to the use of natural capital.			[SW4] test/egzamin - ustny lub pisemny [SW1] wypowiedź ustna/rozmowa/diskusja [SW5] realizacja zadania problemowego		
	[MSGL3_W06] knows and understands the relations between economic entities and public institutions functioning in the national, international and intercultural realms	The student possesses advanced knowledge of the relationships between economic entities, social organizations, and the natural environment from a global perspective.			[SW4] test/egzamin - ustny lub pisemny [SW1] wypowiedź ustna/rozmowa/diskusja [SW5] realizacja zadania problemowego		
	[MSGL3_W01] has an advanced knowledge of economic sciences, in particular of economics and its place in the system of sciences, including within related disciplines	The student has advanced knowledge in the field of economic sciences, particularly in economics and its place within the system of sciences, including related scientific disciplines. They are also familiar with heterodox currents and proficient in using universal economic terminology.			[SW4] test/egzamin - ustny lub pisemny [SW1] wypowiedź ustna/rozmowa/diskusja		

Subject contents	<p>Topic I: An overview of contemporary ecological issues, the interrelationships between the environment and the economy (4 hours);</p> <p>Topic II: The natural environment as the basis of human existence (2 hours);</p> <ul style="list-style-type: none"> • Social aspects of environmental use; • Legal aspects of environmental use; • Economic aspects of environmental use; <p>Topic III: Management as a process of rational use of matter and energy (4 hours);</p> <ul style="list-style-type: none"> • The physical dimension of management processes; • Resources and factors of production; • The role of energy in management processes; <p>Topic IV: Material bases of consumption processes (2 hours)</p> <ul style="list-style-type: none"> • Human needs and ways of satisfying them; • Trends and consequences of contemporary consumption development; <p>Topic V: Environmental threats caused by anthropogenic human activity (4 hours);</p> <ul style="list-style-type: none"> • Global climate changes; • Destruction of the ozone layer; • Deforestation of the Earth's surface; • Pollution of the hydrosphere; • Degradation of the landscape and destruction of biodiversity; <p>Topic VI: The impact of economic sectors and forms of management on the natural environment (4 hours);</p> <p>Topic VII: Ecological issues in economic theory (2 hours);</p> <ul style="list-style-type: none"> • Ecologization of the economy and economization of the environment; • Market efficiency under perfect competition and its failure in the presence of external costs and public goods • Correcting external effects: Pigou tax and Pareto equilibrium, Coase's theorem • The process of internalizing external effects <p>Topic VIII: Economic accounting in environmental protection (4 hours);</p> <ul style="list-style-type: none"> • Concept and characteristics of economic accounting in environmental protection; • Environmental losses/benefits; • Methods for assessing ecological losses; <p>Topic IX: Foundations of ecological policy (4 hours);</p> <ul style="list-style-type: none"> • The essence and concept of ecological policy; • Sustainable development as the basis of ecological policy; • Actors of ecological policy; • Goals, principles, and directions of the policy; • Policy instruments; 								
Prerequisites and co-requisites	Basic knowledge of microeconomics and macroeconomics.								
Assessment methods and criteria	<table border="1" data-bbox="448 1583 1487 1742"> <thead> <tr> <th data-bbox="448 1583 798 1619">Subject passing criteria</th> <th data-bbox="802 1583 1141 1619">Passing threshold</th> <th data-bbox="1145 1583 1487 1619">Percentage of the final grade</th> </tr> </thead> <tbody> <tr> <td data-bbox="448 1626 798 1742">For groups with fewer than 100 people, a project will be assigned. For groups larger than 100 people, an examination test will be administered.</td> <td data-bbox="802 1626 1141 1742">50.0%</td> <td data-bbox="1145 1626 1487 1742">100.0%</td> </tr> </tbody> </table>			Subject passing criteria	Passing threshold	Percentage of the final grade	For groups with fewer than 100 people, a project will be assigned. For groups larger than 100 people, an examination test will be administered.	50.0%	100.0%
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Recommended reading	Basic literature	<ol style="list-style-type: none"> 1. Wprowadzenie do zrównoważonego rozwoju, pod red. A. Drosich, D. Heidrich, M. Ratajczak, Wydawnictwo naukowe Scholar, Warszawa 2022, https://zr.humandoc.pl/wp-content/uploads/2019/10/2022_Wprowadzenie-do-zrownawazonego-rozwoju-epdf_compressed.pdf. 2. Klimatyczne ABC, pod red. M. Budziszewskiej, A. Kardaś, Z. Bohdanowicza, Wyd. UW, Warszawa 2021, https://www.wuw.pl/product-pol-13475-Klimatyczne-ABC-Interdyscyplinarne-podstawy-wspolczesnej-wiedzy-o-zmianie-klimatu-PDF.html; 3. Gospodarka a środowisko i ekologia, pod red. K. Małachowskiego, Wydawnictwa Fachowe CeDeWu, Warszawa 2010; 4. B. Pawłowska: Zrównoważony rozwój transportu na tle współczesnych procesów społeczno-gospodarczych, Wyd. UG, Gdańsk 2013.
	Supplementary literature	<ol style="list-style-type: none"> 1. Zeroemisyjna Polska 2050 https://www.wwf.pl/sites/default/files/2020-09/0%20raport_zeroemisyjna_2050%20full%20FINAL.pdf 2. Zielona gospodarka czyli green economy, https://włączoszczędzanie.pl/zielona-gospodarka-czyli-green-economy/#h-zazielenienie-gospodarki 3. https://włączoszczędzanie.pl/biblioteka-ekologa/ 4. https://www.gridw.pl/publikacje
	eResources addresses	
Example issues/ example questions/ tasks being completed		
Work placement	Not applicable	

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