University of Gdańsk

Subject card

Subject name and code	Economy and Environment, PG_00199943						
Field of study	International Economic Relations						
Date of commencement of studies	October 2026		Academic year of realisation of subject	2027/2028			
Education level	Bachelor's studies		Subject group	Obligatory subject group in the field of study Optional subject group			
Mode of study	part-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, prof. UG				
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	14.0	0.0	0.0	0.0	0.0	14
	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	14		4.0		32.0	50
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_K06] is ready to be guided in his/her professional life by business ethics and corporate social responsibility, to respect others and to be loyal to his/her employer	The student is prepared to adhere to business ethics and corporate social responsibility in their professional life, with a commitment to respecting the natural environment.	[SK1] oral statement/conversation/ discussion
	[MSGL3_U16] can plan and implement his/her own lifelong learning, expand and improve his/ her acquired knowledge and economic skills; is open to new ideas and techniques; is willing to learn using any method, and has a tendency to interact with other participants of the learning process	The student is capable of independently planning and implementing their lifelong learning, selecting literature, and formulating conclusions based on it.	[SU1] oral statement/conversation/ discussion [SU4] test/exam - oral or written
	[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 possesses advanced knowledge in the field of economic sciences, particularly economics and its role 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/exam - oral or written [SW1] oral statement/ conversation/discussion
	[MSGL3_W08] has a knowledge and understanding of the various dilemmas of contemporary civilisation, including the strategy of sustainable development and corporate social responsibility	Understands and is aware of the fundamental dilemmas of contemporary civilization in the context of managing natural capital.	[SW1] oral statement/ conversation/discussion
	[MSGL3_W06] has knowledge and understanding of relations between economic entities and public institutions functioning in the national, international and intercultural realms	The student has advanced knowledge of the relationships between economic entities, social organizations, and the natural environment from a global perspective.	[SW4] test/exam - oral or written [SW1] oral statement/ conversation/discussion
	[MSGL3_W09] has a 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 humans as economic decision-makers operating within social structures and organizational units, particularly in enterprises or managing individual business activities. They understand human interactions with the environment and are well-versed in the motives behind economic decisions related to the use of natural capital.	[SW4] test/exam - oral or written [SW1] oral statement/ conversation/discussion

<table>
<tr><td>Subject contents</td><td>Topic I: An overview of contemporary ecological issues, the interrelationships between the environment and the economy (2 hours);

Topic II: The natural environment as the basis of human existence (2 hours);

• Social aspects of environmental use;
• Legal aspects of environmental use;
• Economic aspects of environmental use;

Topic III: Management as a process of rational use of matter and energy (2 hours);

• The physical dimension of management processes;
• Resources and factors of production;
• The role of energy in management processes;

Topic IV: Environmental threats caused by anthropogenic human activity (2 hours);

• 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;

Topic V: Ecological issues in economic theory (2 hours);

• 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

Topic VI: Economic accounting in environmental protection (2 hours);

• Concept and characteristics of economic accounting in environmental protection;
• Environmental losses/benefits;
• Methods for assessing ecological losses;

Topic VII: Foundations of ecological policy (2 hours);

• 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;

Any doubts arising during the implementation of the subject matter or interpretation issues will be resolved during consultations.</td></tr>
<tr><td>Prerequisites and co-requisites</td><td>Basic knowledge of microeconomics and macroeconomics.</td></tr>
<tr><td>Assessment methods and criteria</td><td><table><tr><th>Subject passing criteria</th><th>Passing threshold</th><th>Percentage of the final grade</th></tr><tr><td>Examination test worth up to 20 points. Additional points available from essays on assigned topics. Final grade determined by academic regulations.</td><td>51.0%</td><td>100.0%</td></tr></table></td></tr>
<tr><td>Recommended reading</td><td>Basic literature</td><td>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-zrownowazonego-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.</td></tr>
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	Supplementary literature	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://wlaczoszczedzanie.pl/zielona-gospodarka-czyli-green-economy/#h-zazielenienie-gospodarki 3. https://wlaczoszczedzanie.pl/biblioteka-ekologa/ 4. https://www.gridw.pl/publikacje
	eResources addresses	
Example issues/ example questions/ tasks being completed	During consultations, problems arising during classes will be discussed.	
Work placement	Not applicable	

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