

**Subject card**

<b>Subject name and code</b>	Economy and Environment, PG_00101839						
<b>Field of study</b>	International Economic Relations						
<b>Date of commencement of studies</b>	October 2023	<b>Academic year of realisation of subject</b>				2024/2025	
<b>Education level</b>	undergraduate studies	<b>Subject group</b>				Optional subject group	
<b>Mode of study</b>	full-time studies	<b>Mode of delivery</b>				at the university	
<b>Year of study</b>	2	<b>Language of instruction</b>				Polish	
<b>Semester of study</b>	3	<b>ECTS credits</b>				2.0	
<b>Learning profile</b>	academic	<b>Assessment form</b>					
<b>Conducting unit</b>							
<b>Name and surname of lecturer (lecturers)</b>	<b>Subject supervisor</b>		dr hab. Barbara Pawłowska				
	<b>Teachers</b>		dr hab. Barbara Pawłowska				
<b>Lesson types</b>	<b>Lesson type</b>	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	<b>Number of study hours</b>	30.0	0.0	0.0	0.0	0.0	30
	E-learning hours included: 0.0						
<b>Learning activity and number of study hours</b>	<b>Learning activity</b>	Participation in didactic classes included in study plan		Participation in consultation hours		Self-study	SUM
	<b>Number of study hours</b>	30		0.0		0.0	30
<b>Subject objectives</b>	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.						
<b>Learning outcomes</b>	<b>Course outcome</b>		<b>Subject outcome</b>			<b>Method of verification</b>	
	[MSG3_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/exam - oral or written [SW1] oral statement/ conversation/discussion	
	[MSG3_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/exam - oral or written [SW1] oral statement/ conversation/discussion [SW5] implementation of a problem task	
	[MSG3_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/exam - oral or written [SW1] oral statement/ conversation/discussion [SW5] implementation of a problem task	

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"> <li>• Social aspects of environmental use;</li> <li>• Legal aspects of environmental use;</li> <li>• Economic aspects of environmental use;</li> </ul> <p>Topic III: Management as a process of rational use of matter and energy (4 hours);</p> <ul style="list-style-type: none"> <li>• The physical dimension of management processes;</li> <li>• Resources and factors of production;</li> <li>• The role of energy in management processes;</li> </ul> <p>Topic IV: Material bases of consumption processes (2 hours)</p> <ul style="list-style-type: none"> <li>• Human needs and ways of satisfying them;</li> <li>• Trends and consequences of contemporary consumption development;</li> </ul> <p>Topic V: Environmental threats caused by anthropogenic human activity (4 hours);</p> <ul style="list-style-type: none"> <li>• Global climate changes;</li> <li>• Destruction of the ozone layer;</li> <li>• Deforestation of the Earth's surface;</li> <li>• Pollution of the hydrosphere;</li> <li>• Degradation of the landscape and destruction of biodiversity;</li> </ul> <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"> <li>• Ecologization of the economy and economization of the environment;</li> <li>• Market efficiency under perfect competition and its failure in the presence of external costs and public goods</li> <li>• Correcting external effects: Pigou tax and Pareto equilibrium, Coase's theorem</li> <li>• The process of internalizing external effects</li> </ul> <p>Topic VIII: Economic accounting in environmental protection (4 hours);</p> <ul style="list-style-type: none"> <li>• Concept and characteristics of economic accounting in environmental protection;</li> <li>• Environmental losses/benefits;</li> <li>• Methods for assessing ecological losses;</li> </ul> <p>Topic IX: Foundations of ecological policy (4 hours);</p> <ul style="list-style-type: none"> <li>• The essence and concept of ecological policy;</li> <li>• Sustainable development as the basis of ecological policy;</li> <li>• Actors of ecological policy;</li> <li>• Goals, principles, and directions of the policy;</li> <li>• Policy instruments;</li> </ul>								
Prerequisites and co-requisites	Basic knowledge of microeconomics and macroeconomics.								
Assessment methods and criteria	<table border="1" data-bbox="453 1583 1485 1744"> <thead> <tr> <th data-bbox="458 1583 799 1619">Subject passing criteria</th> <th data-bbox="804 1583 1142 1619">Passing threshold</th> <th data-bbox="1147 1583 1481 1619">Percentage of the final grade</th> </tr> </thead> <tbody> <tr> <td data-bbox="458 1626 799 1738">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="804 1626 1142 1738">50.0%</td> <td data-bbox="1147 1626 1481 1738">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"> <li>1. Wprowadzenie do zrównoważonego rozwoju, pod red. A. Drosich, D. Heidrich, M. Ratajczak, Wydawnictwo naukowe Scholar, Warszawa 2022, <a href="https://zr.humandoc.pl/wp-content/uploads/2019/10/2022_Wprowadzenie-do-zrownowazonego-rozwoju-epdf_compressed.pdf">https://zr.humandoc.pl/wp-content/uploads/2019/10/2022_Wprowadzenie-do-zrownowazonego-rozwoju-epdf_compressed.pdf</a>.</li> <li>2. Klimatyczne ABC, pod red. M. Budziszewskiej, A. Kardaś, Z. Bohdanowicza, Wyd. UW, Warszawa 2021, <a href="https://www.wuw.pl/product-pol-13475-Klimatyczne-ABC-Interdyscyplinarne-podstawy-wspolczesnej-wiedzy-o-zmianie-klimatu-PDF.html">https://www.wuw.pl/product-pol-13475-Klimatyczne-ABC-Interdyscyplinarne-podstawy-wspolczesnej-wiedzy-o-zmianie-klimatu-PDF.html</a>;</li> <li>3. Gospodarka a środowisko i ekologia, pod red. K. Małachowskiego, Wydawnictwa Fachowe CeDeWu, Warszawa 2010;</li> <li>4. B. Pawłowska: Zrównoważony rozwój transportu na tle współczesnych procesów społeczno-gospodarczych, Wyd. UG, Gdańsk 2013.</li> </ol>
	Supplementary literature	<ol style="list-style-type: none"> <li>1. Zeroemisyjna Polska 2050 <a href="https://www.wwf.pl/sites/default/files/2020-09/0%20raport_zeroemisyjna_2050%20full%20FINAL.pdf">https://www.wwf.pl/sites/default/files/2020-09/0%20raport_zeroemisyjna_2050%20full%20FINAL.pdf</a></li> <li>2. Zielona gospodarka czyli green economy, <a href="https://włączoszczędzanie.pl/zielona-gospodarka-czyli-green-economy/#h-zazielenienie-gospodarki">https://włączoszczędzanie.pl/zielona-gospodarka-czyli-green-economy/#h-zazielenienie-gospodarki</a></li> <li>3. <a href="https://włączoszczędzanie.pl/biblioteka-ekologa/">https://włączoszczędzanie.pl/biblioteka-ekologa/</a></li> <li>4. <a href="https://www.gridw.pl/publikacje">https://www.gridw.pl/publikacje</a></li> </ol>
	eResources addresses	Adresy na platformie eNauczanie:
Example issues/ example questions/ tasks being completed		
Work placement	Not applicable	

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