

Subject card

Subject name and code	Economic aspects of environmental management, PG_00144412						
Field of study	Natural Resources Conservation						
Date of commencement of studies	October 2025		Academic year of realisation of subject		2027/2028		
Education level	Bachelor's studies		Subject group		Obligatory subject group in the field of study		
Mode of study	full-time studies		Mode of delivery		at the university		
Year of study	3		Language of instruction		Polish		
Semester of study	5		ECTS credits		1.0		
Learning profile	academic		Assessment form		credit		
Conducting unit	Zakład Zrównoważonego Rozwoju i Nauk o Jakości -> Katedra Strategicznego Rozwoju -> Faculty of Management -> Rector						
Name and surname of lecturer (lecturers)	Subject supervisor		dr Małgorzata Szymańska-Brałkowska				
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	15.0	0.0	0.0	0.0	0.0	15
	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	15		2.0		8.0	25
Subject objectives	General objective: to present the economic aspects of environmental management. Specific objectives: presenting economic instruments of environmental management, discussing the basics of environmental management in the enterprise.						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	[OZPL3_W14] The graduate understands the relationship between the achievements of natural sciences and their potential applications in socio-economic contexts, while considering the sustainable use of biodiversity		Explains the relationship between the achievements of natural sciences and the possibilities of their use in socio-economic life, taking into account the sustainable use of biodiversity		[SW4] test/exam - oral or written		
	[OZPL3_K05] The graduate is ready to understand the need to improve their own competences, update their knowledge and improve their skills		Understands the need to improve one's own competence and updates knowledge and improves skills		[SK1] oral statement/conversation/discussion		
	[OZPL3_U07] The graduate is able to draw correct conclusions on the basis of analysis and synthesis of data from various sources		draws correct conclusions based on analysis and synthesis of data from various sources		[SU1] oral statement/conversation/discussion [SU4] test/exam - oral or written		

Subject contents	1. Introduction to environmental management - basic concepts of management science, environmental economics, ecological economics, the idea of sustainable development. 2. Economic instruments of environmental management. 3. Environmental management in the enterprise - environmental management, formal and informal environmental management systems - origins, theoretical introduction (basic issues), areas of environmental management, environmental management systems, pro-environmental programs. 4. Environmental management system according to the ISO 14001 standard - essence, terminology, environmental policy, environmental aspects, implementation and functioning, costs and benefits of the environmental management system, audit and certification. 5. European Environmental Management System (EMAS) - specificity of the system, implementation scheme, EMAS organization register, costs and benefits, current economic issues. 6. Informal Environmental Management Systems (Clean Production, Responsibility and Care). 7. Pro-ecological shaping of products - labeling of ecological products.		
Prerequisites and co-requisites	Basic knowledge of environmental protection issues.		
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
		51.0%	100.0%
Recommended reading	Basic literature	1. Borys T., Rogala P. (red.), Doskonalenie sformalizowanych systemow zarzadzania, Difin, Warszawa, 2011. 2. Poskrobko B. (red.), Zarzadzanie srodowiskiem w Polsce. PWE, Warszawa, 2012. 3. Szymanska-Brałkowska M., Zarzadzanie srodowiskowe w przedsiebiorstwie (studium przypadku), [w:] Zarzadzanie rozwojem przedsiebiorstwa. Interaktywny podręcznik z zakresu zarzadzania. Repozytorium case study dla studentow, P. Antonowicz (red.), Wydawnictwo Uniwersytetu Gdanskiego, Gdansk 2020.	
	Supplementary literature	1. Robaszewska R., Płoszka M., Kałuza D., Wach P., Decyzje srodowiskowe, Wolters Kluwer, Warszawa 2015. 2. Zarzadzanie srodowiskowe jako droga do doskonalenia dzialalnosci proekologicznej na przykladzie wybranych przedsiebiorstw ze Szwecji, (M. Szymanska-Brałkowska, E. Malinowska), [w:] Wybrane aspekty doskonalenia procesow i zmian w zarzadzaniu operacyjnym, J. Łopatowska, G. Zielinski (red.), Wydawnictwo Politechniki Gdanskiej, Gdansk 2011, ISBN 978-83-7348-396-5. 3. Szymanska-Brałkowska M., Zielinski G., Mozliwosci doskonalenia w zarzadzaniu jakosciowym i srodowiskowym w podmiotach gospodarczych, [w:] Wybrane aspekty doskonalenia procesow i zmian w zarzadzaniu operacyjnym, J. Łopatowska, G. Zielinski (red.), Wydawnictwo Politechniki Gdanskiej, Gdansk 2011, ISBN 978-83-7348-396-5.B. 4. Wasniewski J., Strumiłło J., Koncepcje zarzadzania podmiotami leczniczymi, Wydawnictwo Uniwersytetu Gdanskiego, Gdansk 2020.	
	eResources addresses		
Example issues/ example questions/ tasks being completed	An example of a formal environmental management system.		
Work placement	Not applicable		

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