



Subject card

Subject name and code	SUSTAINABLE FINANCE, PG_00071050						
Field of study	Economic Analytics						
Date of commencement of studies	October 2026	Academic year of realisation of subject			2026/2027		
Education level	second-cycle studies	Subject group			Obligatory subject group in the field of study Subject group related to scientific research in the field of study		
Mode of study	Full-time studies	Mode of delivery			at the university		
Year of study	1	Language of instruction			Polish		
Semester of study	2	ECTS credits			4.0		
Learning profile	general academic profile	Assessment form			assessment		
Conducting unit	Department of Finance -> Faculty of Management and Economics -> Faculties of Gdańsk University of Technology						
Name and surname of lecturer (lecturers)	Subject supervisor	dr Katarzyna Kubiszewska					
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	30.0	30.0	0.0	0.0	0.0	60
	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	60	3.0	37.0	100		
Subject objectives	equipping students with the knowledge and skills necessary to understand, evaluate, and apply the principles of sustainable development in financial practice, including ESG concepts, regulations, and reporting standards, while developing analytical competencies enabling the assessment of ESG risks, identification of greenwashing, and implementation of responsible financial strategies in both the private and public sectors.						
Learning outcomes	Course outcome	Subject outcome			Method of verification		
	[K7_K02] acts entrepreneurially, making competent and ethical decisions that consider the public interest as well as economic, social, and environmental values.	is ready to make financial decisions in an entrepreneurial and responsible manner, taking into account ESG factors and their impact on public interest as well as economic, social, and environmental values.			[SK5] Assessment of ability to solve problems that arise in practice		
	[K7_W01] "demonstrates in-depth knowledge and understanding of economic problems, and selects methods for resolving them while taking into account the complex interrelationships among the phenomena being analyzed.	knows and understands contemporary financial issues related to sustainable development and selects appropriate analytical approaches and tools that reflect the interdependencies between economic, social, and environmental factors.			[SW1] Assessment of factual knowledge [SW2] Assessment of knowledge contained in presentation		
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[K7_U02] presents logical and well-founded arguments regarding obtained results through the analysis and synthesis of information in various business contexts, critically evaluating their interpretation.	is able to formulate and justify conclusions related to sustainable finance by analysing and synthesising ESG data from multiple sources and critically interpreting their relevance for financial decision-making.			[SU3] Assessment of ability to use knowledge gained from the subject [SU5] Assessment of ability to present the results of task			

Subject contents	Course content – lecture 1. Definition and significance of sustainable finance 2. History and development of the ESG (Environmental, Social, Governance) concept 3. Key legal acts and regulations 4. Sustainable business models and their impact on financial performance 5. ESG assessment standards and methods 6. Companies' reporting obligations 7. Methods for measuring and disclosing ESG data 8. Green, social, and sustainable bonds 9. Green loans and ESG-based financing 10. The role of banks and financial institutions in promoting sustainable finance 11. Sustainable investment strategies 12. ESG risk assessment and its impact on investment decisions 13. Greenwashing how to identify and avoid it 14. New technologies and sustainable finance (AI, blockchain in ESG) 15. Future trends and directions in the sustainable finance market		
	Course content – exercises 1. Definition and significance of sustainable finance 2. History and development of the ESG (Environmental, Social, Governance) concept 3. Key legal acts and regulations 4. Sustainable business models and their impact on financial performance 5. ESG assessment standards and methods 6. Companies' reporting obligations 7. Methods for measuring and disclosing ESG data 8. Green, social, and sustainable bonds 9. Green loans and ESG-based financing 10. The role of banks and financial institutions in promoting sustainable finance 11. Sustainable investment strategies 12. ESG risk assessment and its impact on investment decisions 13. Greenwashing how to identify and avoid it 14. New technologies and sustainable finance (AI, blockchain in ESG) 15. Future trends and directions in the sustainable finance market		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	project	60.0%	50.0%
	classwork	60.0%	50.0%
Recommended reading	Basic literature	1. Miszczuk, A., Miszczuk, M., Sekuła, A. (2024). Zielona transformacja gospodarki i finansów samorządowych. Polska: Wydawnictwo Uniwersytetu Ekonomicznego we Wrocławiu. 2. Postuła, M., Lipski, M. (2024). Green Finance in the European Union. Wielka Brytania: Taylor & Francis. 3. Zabawa, J. (2019). Bankowość ekologiczna w społecznej odpowiedzialności biznesu: rola, uwarunkowania i mierniki. Polska: Wydawnictwo Uniwersytetu Ekonomicznego we Wrocławiu.	
	Supplementary literature	1. Zielone finanse w Polsce 2024. (2024). Polska: Instytut Odpowiedzialnych Finansów. 2. Sustainable Finance and ESG: Risk, Management, Regulations, and Implications for Financial Institutions. (2023). Niemcy: Springer International Publishing.	
	eResources addresses		
Example issues/ example questions/ tasks being completed	<ul style="list-style-type: none"> Evaluate how the company implements ESG principles and the impact of this on its financial performance and market image. Search for and compare at least three green bond issues (Green Bonds) from different countries or institutions. Analyze their issuance objectives, financing structure, and risk level. Create a sample investment portfolio consisting of five assets (stocks, funds, bonds) selected based on a high ESG rating. Justify your selection, present the expected benefits and risks, and explain how the portfolio aligns with socially responsible investment strategy. 		
Practical activities within the subject	Not applicable		

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