

Subject card

Subject name and code	The World of Green Finance, PG_00180047						
Field of study	Finance and Accounting, Informatics and Econometrics, Management						
Date of commencement of studies	October 2025		Academic year of realisation of subject		2025/2026		
Education level	Master's studies		Subject group		Optional subject group		
Mode of study	full-time studies		Mode of delivery		at the university		
Year of study	1		Language of instruction		Polish		
Semester of study	1		ECTS credits		2.0		
Learning profile	academic		Assessment form		credit		
Conducting unit	Department of Banking and Finance -> Faculty of Management -> Rector						
Name and surname of lecturer (lecturers)	Subject supervisor		dr Małgorzata Siemionek-Ruskań				
	Teachers		dr Małgorzata Siemionek-Ruskań				
			dr Błażej Lepczyński				
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		1.0		34.0	50
Subject objectives	The purpose of the lecture is to introduce the role of green finance and its importance for sustainable economic development. As part of the lecture, Students will learn about green financial instruments and the principles of green financial markets. The lecture will also provide an understanding of ESG risk management and the role of green citizen budgets.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[IiEMU2_U07] Can prepare detailed written papers, presentations, and oral speeches on econometrics, informatics, or statistics issues	Students can prepare written papers of a review, analytical or research nature and oral presentations and speeches on issues related to green finance, including sustainable development, green investment	[SU4] test/exam - oral or written
	[FiRMU2_U07] Students can create detailed written papers, including reviews, analyses, or research papers, along with presentations and oral speeches on finance and accounting topics.	Students will be able to prepare in-depth written papers of a review, analytical or research nature as well as presentations and oral presentations on green finance	[SU4] test/exam - oral or written
	[ZARZMU2_U07] Students can create detailed written papers, including reviews, analyses, or research, along with presentations and oral discussions on management topics.	Students will be able to prepare in-depth written papers of a review, analytical or research nature, as well as presentations and oral presentations, on management issues.	[SU4] test/exam - oral or written
	[ZARZMU2_W02] The student has an in-depth knowledge and understanding of various organizations, including their complexities, functional areas, internal processes, and their interactions with the environment.	Students will have an in-depth knowledge and understanding of the nature, complexity and functioning of financial institutions and other organisations involved in green finance, including their structures, areas of activity, internal processes and relationships with the economic, social and environmental environment.	[SW4] test/exam - oral or written
	[IiEMU2_W02] Comprehends advanced theoretical and practical concepts in econometrics, informatics, or statistics, which are essential for a deeper understanding of economic and social phenomena	The student is able to apply the theories to analyze the functioning of the national economy and its components, paying attention to ecological and social aspects, which allows for a better understanding of the impact of financial decisions on the environment and the society.	[SW4] test/exam - oral or written
	[FiRMU2_W02] The student possesses a comprehensive understanding of the complexities and functions of both domestic and international financial markets, as well as financial instruments and institutions.	The student has an in-depth knowledge and understanding of the specificity, complexity and functioning of the national and international green finance market as well as the role of financial instruments and institutions supporting sustainable development.	[SW4] test/exam - oral or written
Subject contents	1. Introduction to green finance/sustainable finance 2. Green banking - investment products, credit products, examples of green strategies of banks 3. Green and social bonds and their role in green transformation and decarbonization 4 ESG risk management, climate risk 5. ESG rating - functions, evaluation criteria, examples 6. Green finance in the public sector and green civic budgeting 7. Actions to stimulate green finance.		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	100	51.0%	100.0%
Recommended reading	Basic literature	1. L. Kotecki (red.), Zielone finanse w Polsce, Centrum Myśli Strategicznych. 2. M. Ziolo, A. Spoz, E. Kulińska-Sadłocha, Zrównoważone rynki finansowe. Perspektywa krajowa i międzynarodowa, PWE, Warszawa 2021.	
	Supplementary literature	1. Simon Thompson, Green and Sustainable Finance: Principles and Practice, 2021, Chartered Banker, Kogan Page.	
	eResources addresses	Basic https://www.statista.com/statistics/917916/climate-greenbondnumberglobally-by-region/ - Global number of climate-aligned and green bonds by region 2018	
Example issues/ example questions/ tasks being completed			
Work placement	Not applicable		

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