



Subject card

Subject name and code	FINANCIAL MARKETS, PG_00071127						
Field of study	Economic Analytics						
Date of commencement of studies	October 2026	Academic year of realisation of subject				2027/2028	
Education level	first-cycle studies	Subject group				Optional subject group 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	2	Language of instruction				Polish	
Semester of study	4	ECTS credits				4.0	
Learning profile	general academic profile	Assessment form				exam	
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 hab. inż. Krystian Zawadzki					
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	15.0	30.0	0.0	0.0	0.0	45
	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	45		3.0		52.0	100
Subject objectives	preparing students to analyze the behavior of financial markets and interpret the mechanisms of their functioning based on knowledge of methods for analyzing economic and financial phenomena, as well as fostering attitudes of responsibility and conscious decision-making in the context of changing economic, legal, and social conditions.						
Learning outcomes	Course outcome		Subject outcome			Method of verification	
	[K6_W06] understands and applies methods for classifying and evaluating acquired information based on advanced general and specialized knowledge, with consideration of their application in various types of professional activities.		knows and understands methods for classifying and evaluating information used in financial markets, including data sources and their application in the analysis of financial and investment phenomena			[SW2] Assessment of knowledge contained in presentation	
	[K6_U01] demonstrates the ability to leverage acquired knowledge to address complex economic, financial, and social challenges.		is able to use knowledge to analyze and interpret complex phenomena occurring in financial markets, taking into account their economic, financial, and social conditions.			[SU1] Assessment of task fulfillment [SU4] Assessment of ability to use methods and tools	
	[K6_K01] is ready to fulfill professional roles responsibly, taking legal, ethical, and cultural aspects into account in decision-making processes.		is ready to make responsible decisions in financial markets, considering legal, ethical, and cultural conditions as well as the consequences of their actions.			[SK5] Assessment of ability to solve problems that arise in practice	

Subject contents	Course content – lecture		
	<ol style="list-style-type: none"> <li>1. The essence of the financial market and its elements.</li> <li>2. Classification of financial markets and their characteristics.</li> <li>3. Entities operating on the financial market.</li> <li>4. The role, functions and ways of presenting money resources in a market economy.</li> <li>5. Capital market - legal bases and market participants.</li> <li>6. Capital market instruments.</li> <li>7. Stock exchange - organization and operation.</li> <li>8. Foreign exchange market - basic concepts and scope of market operation.</li> <li>9. Foreign exchange instruments.</li> <li>10. Derivatives market.</li> <li>11. Forwards and futures, options and swaps.</li> </ol>		
Prerequisites and co-requisites	Course content – exercises		
	<ol style="list-style-type: none"> <li>1. The essence of the financial market and its elements.</li> <li>2. Classification of financial markets and their characteristics.</li> <li>3. Entities operating on the financial market.</li> <li>4. The role, functions and ways of presenting money resources in a market economy.</li> <li>5. Capital market - legal bases and market participants.</li> <li>6. Capital market instruments.</li> <li>7. Stock exchange - organization and operation.</li> <li>8. Foreign exchange market - basic concepts and scope of market operation.</li> <li>9. Foreign exchange instruments.</li> <li>10. Derivatives market.</li> <li>11. Forwards and futures, options and swaps.</li> </ol>		
Assessment methods and criteria	Subject passing criteria		Passing threshold
	Final exam		60.0%
	Final assessment		60.0%
Recommended reading	Basic literature		<ol style="list-style-type: none"> <li>1. Murphy, J.J.(2001). Analiza techniczna rynków finansowych. Warszawa: WIG Press.</li> <li>2. Reilly, F. (2001). Analiza inwestycji i zarządzania portfelem. Warszawa: PWE.</li> <li>3. Milo, W. (2000). Finansowe rynki kapitałowe. Warszawa: PWN.</li> <li>4. Johnson, N.F. (2003), Financial Market Complexity, Oxford University Press, 2003.</li> </ol>
	Supplementary literature		<ol style="list-style-type: none"> <li>1. Niedziółka, P. (2009). Fundusze hedgingowe a stabilność finansowa. Warszawa: Difin.</li> <li>2. Zawadzki, K. (2020). The performance of ETFs on developed and emerging markets with consideration of regional diversity. Quantitative Finance and Economics. 4(3), 515-525.</li> </ol>
	eResources addresses		
Example issues/ example questions/ tasks being completed	<ul style="list-style-type: none"> <li>• Cross exchange rates</li> <li>• Cross forward exchange rates</li> <li>• Rights issue (pre-emptive rights) under given variables</li> <li>• Payoff profile of an option strategy</li> <li>• Payment structure of an interest rate-currency swap</li> </ul>		
Practical activities within the subject	Not applicable		

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