

Subject card

Subject name and code	Finance, PG_00169748						
Field of study	Economics						
Date of commencement of studies	October 2025		Academic year of realisation of subject			2025/2026	
Education level	Bachelor's studies		Subject group			Obligatory subject group in the field of study	
Mode of study	part-time studies		Mode of delivery			at the university	
Year of study	1		Language of instruction			Polish	
Semester of study	2		ECTS credits			2.0	
Learning profile	academic		Assessment form				
Conducting unit							
Name and surname of lecturer (lecturers)	Subject supervisor		dr Łukasz Dopierała				
	Teachers		dr Łukasz Dopierała				
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	10.0	0.0	0.0	0.0	10
	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	10		3.0		37.0	50
Subject objectives	Introduce students to the fundamentals of the functioning of the contemporary financial system.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[EKONL3_W04] knows the types of economic and social ties and the regularities governing them	The student knows the types of economic and social ties and the principles governing them. The student has knowledge about views on financial institutions (banks, investment funds, stock exchanges, pension funds) and their historical evolution	[SW4] test/exam - oral or written
	[EKONL3_W11] knows the general principles for the creation and development of forms of individual entrepreneurship, using knowledge of economics, finance and management sciences	The student knows the general principles of creating and developing forms of individual entrepreneurship, utilizing knowledge in finance	[SW4] test/exam - oral or written [SW1] oral statement/ conversation/discussion
	[EKONL3_U05] uses normative systems (legal, professional, ethical) to solve a specific economic or social task	The student utilizes normative systems (legal, professional, ethical) to solve specific tasks in the field of finance	[SU4] test/exam - oral or written
	[EKONL3_W02] has advanced knowledge of the different types of existing business entities and organisations and public institutions	The student has advanced knowledge of institutions, processes, and phenomena occurring in contemporary financial markets. They are familiar with the financial institutions operating in the market	[SW4] test/exam - oral or written
	[EKONL3_W03] has advanced knowledge of the relations between economic agents and social organisations operating in the national, international and intercultural arenas	The student has advanced knowledge about the relationships between financial institutions and other entities dealing with finance. The student knows the methods and tools, including techniques for obtaining financial data, that allow for the description of phenomena occurring in contemporary finance and the situations occurring in individual financial institutions	[SW4] test/exam - oral or written [SW1] oral statement/ conversation/discussion
	[EKONL3_K06] is willing to be guided in his professional life by business ethics and corporate social responsibility, to respect others and to be loyal to his employer	The student is prepared to adhere to business ethics and corporate social responsibility in their professional life and to show respect for others	[SK1] oral statement/conversation/ discussion [SK4] test/exam - oral or written
	[EKONL3_U08] has the ability to observe, understand and analyse economic and social phenomena and processes using appropriate scientific methods	The student has the ability to observe, understand, and analyze financial phenomena and processes using appropriate scientific methods	[SU1] oral statement/conversation/ discussion [SU4] test/exam - oral or written
	[EKONL3_U03] is able to analyse the causes and course of specific economic and social processes and phenomena, and accurately analyse these phenomena using adequate methods and tools economic and social	The student has the ability to observe, understand, and analyze phenomena and processes occurring in public finance, banking, and financial markets using economic scientific methods	[SU4] test/exam - oral or written
	[EKONL3_U07] is able to participate in analyses and evaluations of alternative solutions to economic and social problems and to choose the methods and instruments to resolve them rationally	The student is able to participate in the analysis and evaluation of alternative solutions to economic problems and to select methods and instruments that allow for their rational resolution	[SU4] test/exam - oral or written
	[EKONL3_K01] recognises the importance of economic knowledge in identifying and solving economic problems and of consulting experts when difficulties in solving them independently	The student recognizes the importance of knowledge in finance for identifying and solving economic problems and seeks expert opinions when encountering difficulties in solving them independently.	[SK1] oral statement/conversation/ discussion [SK4] test/exam - oral or written
	[EKONL3_U01] can correctly interpret economic and social phenomena and apply knowledge of economics, finance and management sciences to explain economic phenomena	The student can correctly observe and interpret financial phenomena based on the discipline of economics, using financial terminology	[SU4] test/exam - oral or written
	[EKONL3_U04] can predict and forecast the course of economic and social processes and phenomena	The student can anticipate the course of financial processes and phenomena and forecast these phenomena	[SU4] test/exam - oral or written

	Course outcome	Subject outcome	Method of verification
	[EKONL3_K03] participates in the preparation of economic and social projects, being able to reconcile legal, economic, ecological, political and social requirements	The student participates in the preparation of financial projects, being able to reconcile legal and economic requirements	[SK1] oral statement/conversation/discussion [SK4] test/exam - oral or written
	[EKONL3_K05] correctly identifies, diagnoses and resolves professional dilemmas and different options for solutions	The student correctly identifies, diagnoses, and resolves dilemmas and various solution options related to performing their profession	[SK4] test/exam - oral or written

I. ELEMENTS OF THE BANKING SYSTEM

1. The banking system in a market economy: its models and functions
2. Bank balance sheet: assets and liabilities
3. Banking instruments and operations
4. Universal banking in comparison to investment banking

II. CREDIT MARKET

1. Types of credits: credit vs. loan
2. The concept of creditworthiness
3. Credit repayment calculation - examples and exercises

III. MONEY MARKET

1. Instruments - examples and exercises
2. The central bank in the money market
3. Interest rates in the money market
4. International money market

IV. CAPITAL MARKET

1. Instruments - examples and exercises
2. Dividend policy - exercises
3. Investment funds - exercises

V. SUPERVISION OF CAPITAL MARKETS AND SHAREHOLDER PROTECTION

1. Tasks of capital market supervision
2. Corporate governance: characteristics of ownership supervision systems
3. Protection of minority shareholders in the Polish capital market

VI. DERIVATIVES MARKET

1. Examples
2. Exercises

	VII. PENSION SECURITY MARKET 1. Pillars of the system abroad and in Poland 2. Pension payments from mandatory systems - exercises 3. Pension payments from voluntary systems - exercises Deepens knowledge by solving problems outside of classes and consulting with the instructor.		
Prerequisites and co-requisites	The student should have a basic understanding of macroeconomics before beginning this course		
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Written test. The grade is assigned in accordance with the Study Regulations.	51.0%	100.0%
Recommended reading	Basic literature	M. Podstawka (red.), Finanse. Instytucje, instrumenty, podmioty, rynki, regulacje, PWN, Wyd. 2, Warszawa 2020. S. Antkiewicz, Uwarunkowania rozwoju instrumentów rynku kapitałowego i pieniężnego, Wydawnictwo Uniwersytetu Gdańskiego, Gdańsk 2021.	

	Supplementary literature	S. Antkiewicz, Uwarunkowania rozwoju innowacyjnych funduszy inwestycyjnych, Wyd. Uniwersytetu Gdańskiego, Gdańsk 2020. S. Antkiewicz, Pochodne instrumenty finansowe notowane na Hong Kong Exchanges and Clearing Limited, "Gdańskie Studia Azji Wschodniej", 2020, Zeszyt 17. S. Antkiewicz, Pochodne instrumenty finansowe notowane na giełdach Chińskiej Republiki Ludowej, "Gdańskie Studia Azji Wschodniej", 2019, Zeszyt 16. S. Antkiewicz, Papiery wartościowe na rynku pieniężnym i kapitałowym, Wydawnictwo Cedewu.pl, Warszawa 2012. S. Antkiewicz, M. Kalinowski (red.), Innowacje finansowe, Cedewu.pl, Warszawa 2008. J. Bednarz, E. Gostomski, Finansowanie działalności gospodarczej, Wydawnictwo UG, Gdańsk 2008. J. Czekaj (red.), Rynki, instrumenty i instytucje finansowe, PWN, Wyd. 2, Warszawa 2020. Ł. Dopierała, Indywidualne konta emerytalne prowadzone przez zakłady ubezpieczeń. Efektywność inwestycyjna i zasady funkcjonowania, Wydawnictwo UG, Gdańsk 2018. M. Markiewicz, Nadzór zintegrowany nad rynkiem finansowym w kontekście rozwoju pośrednictwa finansowego w Unii Europejskiej, (w:) A. Stępiak, S. Umiński, A. Zabłocka (red.) Wybrane problemy integracji europejskiej, FRUG, Sopot 2009. M. Mosionek-Schweda, Determinanty rozwoju europejskich giełdowych rynków dłużnych instrumentów finansowych, Wydawnictwo UG, Gdańsk 2020. U. Mrzygłód, J. Adamska, Znaczenie kwitów depozytowych w finansowaniu przedsiębiorstw na rynkach międzynarodowych na przykładzie państw rozwijających się, (w:) J. Gliniecka, E. Juchniewicz, T. Sowiński, M. Wróblewska (red.), System prawnofinansowy, Cedewu.pl, Warszawa 2013. E. Pietrzak, M. Markiewicz (red.), Finanse, bankowość i rynki finansowe, Wydawnictwo Uniwersytetu Gdańskiego, Gdańsk 2009 lub wcześniejsze. B. Pietrzak, Z. Polański, B. Woźniak (red.) System finansowy w Polsce, PWN, Warszawa 2008.
	eResources addresses	Adresy na platformie eNauczanie:

Example issues/ example questions/ tasks being completed	Exercise 1 Explain when the following types of interbank deposits start and end. O/N deposit starts and ends..... T/N deposit starts and ends..... Exercise 2 A bank wants to invest in 26-week Treasury bills (on the primary market). The discount rate is 5.5%. What will be the transaction value of the purchased bills and the yield of this investment? Exercise 3 Determine the price an investor should pay on the primary market for 5-year Treasury bonds with a nominal value of 100 PLN and an annual fixed coupon of 5.5% if they want to achieve a yield of 5.25% from this investment. Exercise 4 Compare the listed types of financial markets according to the given criteria: • Liquidity level of the financial instrument • Maturity of the financial instruments • Type of market (wholesale/retail)
Work placement	Not applicable

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