University of Gdańsk

Subject card

Subject name and code	Finance & Banking, PG_00178069		
Field of study	Informatics and Econometrics		
Date of commencement of studies	October 2026	Academic year of realisation of subject	2027/2028
Education level	Bachelor's 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	2	Language of instruction	Polish
Semester of study	4	ECTS credits	5.0
Learning profile	academic	Assessment form	exam
Conducting unit	Department of Banking and Finance -> Faculty of Management -> Rector		
Name and surname of lecturer (lecturers)	Subject supervisor	dr Błażej Lepczyński	
	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	4.0	61.0	125

Subject objectives

To provide students with knowledge about the essence, principles, and role of finance and banking in the modern economy.

Learning outcomes

Course outcome	Subject outcome	Method of verification
[IiEL3_W03] Knows and understands how an organization functions, the phenomena, processes and relationships occurring in its environment, and their impact on its functioning	The student analyses the functioning of a financial institution (e.g., a bank), as well as phenomena, processes and relationships occurring in its environment, and is able to interpret their impact on this environment.	[SW4] test/exam - oral or written [SW2] presentation/project/paper/ report
[IiEL3_W02] Knows and understands, to an advanced degree, selected theoretical and practical issues in informatics, statistics or econometrics necessary for understanding economic and social phenomena	The student verifies issues in econometrics and statistics that are essential for interpreting phenomena in finance and banking.	[SW4] test/exam - oral or written [SW2] presentation/project/paper/ report
[IiEL3_U04] Can build and interpret models of economic and social phenomena and processes for decision-making processes	The student is able to define models of economic phenomena and processes and apply them in decision-making processes within financial institutions.	[SU4] test/exam - oral or written
[IiEL3_U01] Can analyze and interpret social and economic processes and phenomena using knowledge and econometrics, informatics or statistics tools from management and quality sciences, economics and finance	A student analyzes phenomena in finance and banking using econometric and statistical tools.	[SU4] test/exam - oral or written

Subject contents	Introduction to finance. Functions of finance. Differences between public and private finance. The concept, forms, and functions of money; demand for and supply of money. Money and time. The interest rate as the price of money and its determinants. Financial management and monetary settlements. Fiscal policy and monetary policy. The financial system and financial institutions. The concept and scope of public finance. The public finance system. Budgetary management and the budget system. The state budget. Types of public revenues and factors shaping them. The concept, types, and functions of public expenditures. Budget deficit and public debt essence, types, causes. Debt crisis vs. financial crisis. Issues of budgetary balance and public debt. Case study: selected EU countries. Revenues, expenditures, and debt of local government units. Issues related to raising budgetary funds in the context of public tasks performed by the local government level. Budget balance and debt limits. Commercial banking. Lending and creditworthiness. Payments and payment cards. The role of banks in mobilizing savings. Consumer protection in the financial services market. The two-tier banking system. Stability of the banking system and the financial safety net. Introduction to corporate finance. Financial and non-financial goals of enterprises and firm value. The role and importance of the financial manager in an enterprise. Types and criteria of financial decision-making in enterprises. Enterprise relations with the environment. Classification and legal forms of enterprises and their implications for financing opportunities. Sources of financing for operational and investment activities of enterprises. Enterprise life cycle and sources of financing.
Prerequisites and co-requisites	Fundamentals of microeconomics (utility theory, fixed, variable, and total costs, marginal cost). Fundamentals of financial mathematics (interest calculus, sequences). Fundamentals of accounting (structure of the financial statement).
Assessment methods and criteria	

Subject passing criteria	Passing threshold	Percentage of the final grade
Wiritten exam (lecture-based)	51.0%	50.0%
Project	51.0%	20.0%
Written test (calsses)	51.0%	30.0%

Recommended reading	Basic literature	W. Wójtowicz (red.), Zarys finansów publicznych i prawa finansowego, Wolters Kluwer, Warszawa 2020. S. Owsiak, Finanse publiczne. Współczesne ujęcie, PWN, Warszawa 2022. M. Zaleska (red.), Świat bankowości, Difin, Warszawa 2018. M. Pawłowska, Kredyt w zmieniającej się strukturze rynkowej sektora bankowego - nowe techniki, nowe wyzwania, C.H. Beck, Warszawa 2021. Prewysz-Kwinto, Zarządzanie finansami przedsiębiorstwa Wyd. TNOiK Toruń 2006B. Pomykalska, P. Pomykalski: Analiza finansowa przedsiębiorstwa; Wyd. PWN Warszawa 2007 A.Cwynar, W. Cwynar, Kreowanie wartości spółki poprzez długoterminowe decyzje finansowe.Polska Akademia Rachunkowości, Warszawa-Rzeszów 2007 P. Karpuś [red.], Zarządzanie finansami przedsiębiorstw. Wyd. UMC-S, Lublin 2006 J. Czekaj, Z. Dresler, Zarządzanie finansami przedsiębiorstwpodstawy teorii. PWN, Warszawa 1998 A. Damodaran, Finanse korporacyjne. Teoria i praktyka. Wyd. Onepress, Warszawa 2007

	Supplementary literature	A. Ross, R.W. Westerfield, B.D. Jordan: Finanse Przedsiębiorstw; Wyd. ABC Warszawa 1999R. Machała, Zarządzanie finansami i wycena firmy. Wyd. Unimex , Wrocław 2008 I. Pyka (red.), Bankowość komercyjna, Wydawnictwo Uniwersytetu Ekonomicznego w Katowicach, Katowice 2013. Stiglitz J.E., Ekonomia sektora publicznego. PWN, Warszawa 2004 M.Dylewski, B Filipiak, M.Zioło, .Gorzałczyńska-Koczkodaj, Finanse publiczne. Aspekty teoretyczne i praktyczne, Wydawnictwo C.H.Beck, Warszawa 2014.
	eResources addresses	
Example issues/ example questions/ tasks being completed		
Work placement	Not applicable	

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