University of Gdańsk

Subject card

Subject name and code	Financial Investments, PG_00155593		
Field of study	Management		
Date of commencement of studies	October 2024	Academic year of realisation of subject	2024/2025
Education level	Master’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	1	Language of instruction	Polish
Semester of study	1	ECTS credits	3.0
Learning profile	academic	Assessment form	credit
Conducting unit	Department of Investment and Real Estate -> Faculty of Management -> Rector		
Name and surname of lecturer (lecturers)	Subject supervisor	dr Krzysztof Kowalke	
	Teachers	dr Krzysztof Kowalke dr Michał Komorowski	

Lesson types						
Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
Number of study hours	15.0	15.0	0.0	0.0	0.0	30
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	30	14.0	31.0	75

Subject objectives	Understanding the process of allocating capital to financial assets, principles of analyzing the efficiency and risk of financial investments, and valuation of financial instruments.

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[ZARZMU2_K01] The student is aware of the depreciation of knowledge over time and understands the need for lifelong learning and deepening of knowledge in both academic and non-academic modes. The student is able to inspire and organize the learning process of others.	Is aware of the depreciation of knowledge about financial markets over time and understands the need for lifelong learning and deepening knowledge in both academic and non-academic settings.	[SK4] test/exam - oral or written
	[ZARZMU2_W13] The student has in-depth knowledge of advanced methods and techniques of managerial analysis, supporting the process of economic decision-making, and is familiar with the sources of obtaining data and information in the various fields of social sciences, especially management and quality studies.	Has in-depth knowledge of a number of different methods and managerial analysis techniques supporting the investment decision-making process on the financial market (in particular fundamental analysis, valuation models: treasury bills, certificates of deposit, shares, bonds), and also knows the sources of data and information from the scope of specific fields of social sciences.	[SW4] test/exam - oral or written [SW1] oral statement/ conversation/discussion
	[ZARZMU2_K04] The student knows the need to resolve dilemmas related to the profession's performance and fulfilling social obligations. He correctly identifies them.	Correctly identifies and resolves dilemmas related to the performance of a profession related to the activities of financial markets	[SK1] oral statement/conversation/ discussion [SK4] test/exam - oral or written [SK5] implementation of a problem task
	[ZARZMU2_W01] The student has an expanded knowledge of the social sciences with particular emphasis on the discipline of management and quality sciences and understands their connections with other social sciences.	Has extensive knowledge of economics with particular emphasis on financial investment management and understands their relationship with other social sciences.	[SW4] test/exam - oral or written [SW1] oral statement/ conversation/discussion [SW5] implementation of a problem task
	[ZARZMU2_U04] The student can creatively apply management and quality studies knowledge in professional practice.	Is able to apply acquired knowledge in the area of financial investments in professional practice.	[SU1] oral statement/conversation/ discussion [SU5] implementation of a problem task
	[ZARZMU2_U05] The student can correctly select and apply advanced, complex methods and tools used in management and quality studies.	Is able to correctly select and apply advanced methods and tools used in financial investments.	[SU4] test/exam - oral or written [SU5] implementation of a problem task

Subject contents	1. Financial instruments of the money market 2. Zero coupon bonds valuation and estimation of the yield 3. Valuation of coupon bonds 4. Rate of return on coupon bonds 5. Duration and modified duration of bonds6. Convexity of bonds 7. Valuation of shares using the asset and ratio methods 8. Valuation of shares using the dividend valuation model 9. DCF model and its use in investing in shares 10. Analysis of a securities portfolio 11. Risk of a securities portfolio 12. Characteristics of derivative instruments 13. Characteristics of the currency market 14. Theory of Capital Market Efficiency
Prerequisites and co-requisites	knowledge of financial mathematics and the basics of financial market functioning
Assessment methods and criteria	see table below

Subject passing criteria	Passing threshold	Percentage of the final grade
Final colloquium from tutorials	51.0%	40.0%
Lecture final test	51.0%	60.0%

Recommended reading	Basic literature	Jajuga K., Jajuga T.: Inwestycje: instrumenty finansowe, aktywa niefinansowe, ryzyko finansowe, inżynieria finansowa, PWN, Warszawa 2006. Fabozzi F.J.: Rynki obligacji. Analiza i strategie, WID-Press, Warszawa 2000. Dębski W.: Rynek finansowy i jego mechanizmy, PWN, Warszawa 2010. Wycena i zarządzanie wartością firmy. Praca zbiorowa pod redakcją naukową A.Szablewskiego, R.Tuzimka, Poltext, Warszawa 2004. Zarządzanie inwestycjami i nieruchomościami. Wybrane problemy. Praca zbiorowa pod redakcją naukową M. Rymarzak, Fundacja Rozwoju Uniwersytetu Gdańskiego, Gdańsk 2011. Reilly F.K., Brown K.C.: Analiza inwestycji i zarządzanie portfelem, PWE, Warszawa 2001.

	Supplementary literature	Szczepankowski P.: Wycena i zarządzanie wartością przedsiębiorstwa, PWN, Warszawa 2007. Cornel B.: Wycena spółek. Metody i narzędzia efektywnej wyceny, Liber, Warszawa 1999. Hull J.: Kontrakty terminowe i opcje. WIG-Press; Warszawa 1997; A. Sopoćko: Rynkowe instrumenty finansowe, PWN, Warszawa 2005. Ostrowska E.: Rynek kapitałowy, Polskie wydawnictwo ekonomiczne, Warszawa 2007. Mayo H.B.: Wstęp do inwestowania, K. E. LIBER, Warszawa 1997. Inwestycje rzeczowe i kapitałowe. Praca zbiorowa pod redakcją naukową J. Różańskiego, Difin, Warszawa 2006. Brigham E. F., J. F. Houston: Podstawy zarządzania finansami. Tom 1. Polskie Wydawnictwo Ekonomiczne, Warszawa 2005.
	eResources addresses	
Example issues/ example questions/ tasks being completed		
Work placement	Not applicable	

Document generated electronically. Does not require a seal or signature.