

Subject card

Subject name and code	Financial Investments, PG_00156016						
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	part-time studies		Mode of delivery		at the university		
Year of study	1		Language of instruction		Polish		
Semester of study	1		ECTS credits		7.0		
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				
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	14.0	14.0	0.0	0.0	0.0	28
	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	28		61.0		86.0	175
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_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 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_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_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
	[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 practice of a profession related to financial markets.	[SK1] oral statement/conversation/discussion [SK4] test/exam - oral or written
	[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 over time in the field of financial investments and understands the need for lifelong learning and deepening knowledge in both academic and non-academic settings.	[SK4] test/exam - oral or written
	[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
Subject contents	money market financial instruments; zero-coupon bonds valuation and estimation of the yield rate; valuation of coupon bonds; rate of return on coupon bonds; duration and modified duration of bonds; bond convexity; asset and ratio stock valuation; stock valuation using the dividend valuation model; DCF model and its use when investing in stocks; securities portfolio analysis, securities portfolio risk, characteristics of derivative instruments, characteristics of the currency market; Capital Market Efficiency theory;		
Prerequisites and co-requisites	knowledge of financial mathematics and the basics of financial market functioning		
Assessment methods and criteria	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 strategię. 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	

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