

**Subject card**

<b>Subject name and code</b>	Innovations and Alternative Investment Strategies, PG_00177640						
<b>Field of study</b>	Finance and Accounting						
<b>Date of commencement of studies</b>	October 2026	<b>Academic year of realisation of subject</b>			2026/2027		
<b>Education level</b>	Master's studies	<b>Subject group</b>			Obligatory subject group in the field of study Optional subject group Subject group related to scientific research in the field of study		
<b>Mode of study</b>	full-time studies	<b>Mode of delivery</b>			at the university		
<b>Year of study</b>	1	<b>Language of instruction</b>			English		
<b>Semester of study</b>	2	<b>ECTS credits</b>			6.0		
<b>Learning profile</b>	academic	<b>Assessment form</b>			exam		
<b>Conducting unit</b>	Department of Investment and Real Estate -> Faculty of Management -> Rector						
<b>Name and surname of lecturer (lecturers)</b>	<b>Subject supervisor</b>		dr inż. Aleksandra Koszarek-Cyra				
	<b>Teachers</b>						
<b>Lesson types</b>	<b>Lesson type</b>	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	<b>Number of study hours</b>	30.0	30.0	0.0	0.0	0.0	60
	E-learning hours included: 0.0						
<b>Learning activity and number of study hours</b>	<b>Learning activity</b>	Participation in didactic classes included in study plan		Participation in consultation hours		Self-study	SUM
	<b>Number of study hours</b>	60		4.0		86.0	150
<b>Subject objectives</b>	Main goal of the course is to provide students with a comprehensive understanding of innovation and alternative investment strategies such as hedge funds, real assets, private equity, derivatives, and structured products are structured, evaluated, and applied within modern investment portfolios to enhance diversification, manage risk, and capture non-traditional sources of return.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[FiRMU2_W06] The student possesses a comprehensive understanding of the objectives, essence, nature, and interrelationships of financial processes. They are knowledgeable about how these processes are recorded and the principles of rational decision-making, particularly in terms of strategic decisions and the implementation of changes in this area.	The student understands the objectives, principles, and interdependencies of financial processes related to alternative and innovative investments, and can explain their impact on strategic financial decision-making in both domestic and international markets.	[SW5] implementation of a problem task
	[FiRMU2_W02] The student possesses a comprehensive understanding of the complexities and functions of both domestic and international financial markets, as well as financial instruments and institutions.	The student possesses a comprehensive understanding of the structure, functions, and interrelationships of domestic and international financial markets, with particular emphasis on the role and characteristics of alternative financial instruments and institutions involved in hedge funds, private equity, real assets, derivatives, and structured products.	[SW4] test/exam - oral or written
	[FiRMU2_U03] Students can gather data from carefully chosen sources to verify its accuracy. They can then use and present both financial and non-financial information to analyze and evaluate economic processes and phenomena in management and quality sciences, as well as in economics and finance.	The student is able to collect, verify, and use relevant financial and non-financial data from credible sources to analyze and assess the structure, performance, and risk profile of various alternative investments and innovation-driven financial strategies	[SU2] presentation/project/paper/report
	[FiRMU2_W05] The student possesses a comprehensive understanding of advanced and innovative methods, tools, and techniques for obtaining, utilizing, and analyzing data needed to assess the financial situation of various entities in management, quality sciences, economics, and finance.	The student possesses a comprehensive understanding of advanced and innovative investment strategies, tools, and techniques (e.g., hedge funds, private equity, structured products), and knows how to obtain, interpret, and analyze data used to assess financial performance and risks in alternative investment contexts.	[SW4] test/exam - oral or written
	[FiRMU2_U04] From a finance and accounting perspective, students are able to select and effectively use, adapt, or develop new methods and tools from the fields of management, quality sciences, and economics. They can analyze and forecast economic processes as well as evaluate economic phenomena.	The student is capable of selecting and applying appropriate analytical methods and financial tools to evaluate, model, and forecast the behaviour of innovative and alternative investment instruments, taking into account their unique characteristics and market dynamics.	[SU5] implementation of a problem task [SU6] demonstration of practical skills
Subject contents	<ol style="list-style-type: none"> <li>1. Foundations of Innovation</li> <li>2. Investing in and Financing Innovation</li> <li>3. Special Areas of Innovation</li> <li>4. Hedge Funds</li> <li>5. Introduction to Real Assets</li> <li>6. Real Assets: Commodities</li> <li>7. Private Real Estate and Illiquidity</li> <li>8. Private Equity</li> <li>9. Financial Derivatives</li> <li>10. Structured Products: Collateralized Debt Obligations</li> </ol>		
Prerequisites and co-requisites	Basic knowledge about investments.		
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	exam	51.0%	50.0%
	Practical test or calculation exercises	51.0%	25.0%
	Project - presentation of Concept maps/ Poster	51.0%	25.0%

Recommended reading	Basic literature	Chambers D.R., Black K.H., Lacey N.J.: Alternative investments: a primer for investment professionals, CAIA Association, 2018 Gregorgieu G.: Encyclopedia of alternative investments, CRC Press/Taylor & Francis Group, 2009 Harvard Business Review Polska (2024). Innowacje i transformacja cyfrowa w biznesie
	Supplementary literature	Wiley J.: Wiley study guide for 2018 level I CFA exam. Vol. 5, Fixed income, derivatives, & alternative investments, John Wiley & Sons, 2018 Kent H., Filbeck G.: Alternative Investments, Instruments, Performance, Benchmarks and Strategies, John Wiley & Sons, 2013 OECD and Eurostat (2018). Oslo Manual: Guidelines for Collecting, Reporting and Using Data on Innovation, 4th ed. Paris: OECD Publishing
	eResources addresses	
Example issues/ example questions/ tasks being completed	Innovation as a driver of change in financial markets Overview of alternative investment classes and their roles in portfolio diversification Strategic approaches to financing and investing in innovation Risk, return, and liquidity in alternative investment decision-making Institutional and regulatory context of alternative and innovative investments	
Work placement	Not applicable	

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