

Subject card

Subject name and code	Risk Management and Mitigation Strategies, PG_00177925						
Field of study	Management						
Date of commencement of studies	October 2026	Academic year of realisation of subject			2027/2028		
Education level	Master's studies	Subject group			Obligatory subject group in the field of study Optional subject group 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			English		
Semester of study	3	ECTS credits			6.0		
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 hab. Anna Wojewnik-Filipkowska				
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	15.0	45.0	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		86.0	150
Subject objectives	The aim of the course is to provide students with a comprehensive understanding of risk and its role in managerial decision-making. Students will learn to identify, classify, and assess various types of risk - operational, credit, strategic, and investment-related - using both qualitative and quantitative methods. Special emphasis is placed on Enterprise Risk Management (ERM) and risk analysis in investment projects. The course is highly practical and case-based, using real-life case studies to develop students' analytical and problem-solving skills in managing risk within organizations.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[ZARZMU2_U03] Students can obtain and verify data from selected sources, present and analyze economic processes and phenomena.	The student collects, verifies, and interprets data for risk identification and presents findings using structured analytical techniques.	[SU2] presentation/project/paper/report [SU5] implementation of a problem task
	[ZARZMU2_W06] The student possesses a thorough understanding of the principles of rational decision-making related to individual resources, functional areas within the organization, processes, and management levels. This understanding is based on a well-structured and theory-supported foundation in management, quality sciences, economics, and finance.	The student describes and justifies the use of risk management tools in strategic decision-making at different organizational levels.	[SW4] test/exam - oral or written [SW2] presentation/project/paper/report [SW5] implementation of a problem task
	[ZARZMU2_K01] The student is prepared to gain and enhance the knowledge required to solve both cognitive and practical problems, particularly in the areas of management and quality sciences. Additionally, the student is capable of critically evaluating the knowledge and content received and will seek guidance from experts if they encounter difficulties in resolving a problem independently.	The student demonstrates openness to learning, critiques risk-related information, and seeks expert validation when dealing with uncertainty in risk scenarios.	[SK2] presentation/project/paper/report [SK5] implementation of a problem task
	[ZARZMU2_U02] The student can identify complex issues related to the organization's operations, the processes within it, and its relationships with a changing environment, proposing appropriate and innovative solutions.	The student identifies and formulates risk-related problems within operational or investment projects and proposes risk mitigation strategies using appropriate frameworks.	[SU2] presentation/project/paper/report [SU5] implementation of a problem task
	[ZARZMU2_W05] The student possesses a thorough understanding of advanced methods and techniques for acquiring, developing, and utilizing data in complex decision-making and management processes.	The student explains and distinguishes between qualitative and quantitative risk assessment tools and demonstrates how they support managerial decisions in complex organizational settings.	[SW4] test/exam - oral or written [SW2] presentation/project/paper/report [SW5] implementation of a problem task
Subject contents	<ol style="list-style-type: none"> 1) Foundations of risk management: definitions, concepts, and risk typologies in business contexts 2) Operational risk management: internal process failures, human error, and systemic disruptions 3) Credit risk management: assessment, mitigation, and monitoring of counterparty risk 4) Enterprise risk management (ERM): integrating risk across strategic and operational levels 5) Insurance risk management: risk transfer mechanisms and insurance as a strategic tool 6) Introduction to investment projects: structure, stakeholders, and the project life cycle 7) Feasibility studies and risk analysis: integrating risk into investment decision-making 8) Identification and classification of risk in investment projects: tools and practical approaches 9) Qualitative risk assessment: subjective tools for evaluating probability and impact 10) Quantitative risk assessment: data-driven techniques for risk measurement and evaluation 		
Prerequisites and co-requisites			

Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	problem solving	51.0%	30.0%
	project	51.0%	30.0%
	exam	51.0%	40.0%
Recommended reading	Basic literature	<p>1) Clayman, M. R., Fridson, M. S., & Troughton, G. H. (2012). <i>Corporate finance: A practical approach</i>. John Wiley & Sons.</p> <p>2) Hopkin, P. (2018). <i>Fundamentals of risk management: understanding, evaluating and implementing effective risk management</i>. Kogan Page Publishers.</p> <p>3) Hull, J. (2012). <i>Risk management and financial institutions, + Web Site</i> (Vol. 733). John Wiley & Sons.</p> <p>4) Rejda, G. E., & McNamara, M. J. (2017). <i>Principles of Risk Management and Insurance</i> 13th edition, Pearson.</p>	
	Supplementary literature	<p>1) Damodaran, A. (2011). <i>Damodaran on valuation: security analysis for investment and corporate finance</i>. John Wiley & Sons.</p> <p>2) Jorion, P. (2009). <i>Financial risk manager handbook</i>. John Wiley & Sons.</p> <p>3) Madura J., Fox R. (2017), <i>International financial management</i>.</p> <p>4) WojewnikFilipkowska, A., & Trojanowski, D. (2013). Principles of publicprivate partnership financingPolish experience. <i>Journal of Property Investment & Finance</i>, 31(4), 329-344.</p>	
	eResources addresses		
Example issues/ example questions/ tasks being completed			
Work placement	Not applicable		

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