



Subject card

Subject name and code	PROJECT RISK MANAGEMENT, PG_00071732						
Field of study	Management						
Date of commencement of studies	October 2026	Academic year of realisation of subject				2028/2029	
Education level	first-cycle studies	Subject group				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	3	Language of instruction				English	
Semester of study	5	ECTS credits				4.0	
Learning profile	general academic profile	Assessment form				assessment	
Conducting unit	Department of Management Engineering and Quality -> Faculty of Management and Economics -> Faculties of Gdańsk University of Technology						
Name and surname of lecturer (lecturers)	Subject supervisor	dr Anna Zielińska					
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	15.0	30.0	0.0	0.0	0.0	45
	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	45		3.0		52.0	100
Subject objectives	The objective of the course is to develop the ability to identify, analyze, and assess project risks, as well as to make decisions related to risk management based on available information, and to develop skills in communicating and presenting the results of risk analyses in the context of project implementation.						
Learning outcomes	Course outcome	Subject outcome			Method of verification		
	[K6_U02] communicates effectively with others by preparing presentations that use terminology specific to the field of management, and by evaluating diverse opinions during discussions and debates.	Is able to analyze project risks and communicate and present the results of risk analyses using appropriate project management terminology.			[SU5] Assessment of ability to present the results of task		
	[K6_W05] possesses advanced knowledge in integrating data from various sources and in the methods that enable a comprehensive analysis of contemporary management issues.	Knows and understands methods of identifying, analyzing, and assessing project risks, as well as the use of risk-related information in project decision-making.			[SW3] Assessment of knowledge contained in written work and projects		
	[K6_K02] is prepared to make competent and ethical decisions to create and maintain economic, social, and environmental values, demonstrating entrepreneurial actions.	Is ready to make decisions in the area of project risk management based on available information and analysis results.			[SK5] Assessment of ability to solve problems that arise in practice		

Subject contents	Course content – lecture <ul style="list-style-type: none"> • Introduction to project risk management • Types and sources of project risks • The project risk management process • Methods of risk identification • Qualitative and quantitative risk analysis methods • Risk assessment and its impact on project outcomes • Risk response strategies • Use of risk-related information in project decision-making • Risk communication in projects 		
	Course content – exercises <ul style="list-style-type: none"> • Analysis of project cases under conditions of uncertainty (VUCA/BANI) • Identification and classification of risks in the context of a changing project environment • Application of risk analysis methods and tools (e.g., scenario analysis, alternatives analysis) • Assessment of the impact of risks on project execution and objectives • Selection and justification of risk response actions • Use of risk-related information in project decision-making • Preparation of a risk report supporting the decision-making process • Presentation and justification of decisions under conditions of uncertainty 		
Prerequisites and co-requisites	Basic knowledge of project management, including project planning and execution processes, as well as fundamental concepts related to project risk.		
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Team project	60.0%	30.0%
	Presentation of results and justification of decisions	60.0%	20.0%
	a problem-based test	60.0%	50.0%
Recommended reading	Basic literature	<ul style="list-style-type: none"> • Project Management Institute (PMI). (2021). <i>A Guide to the Project Management Body of Knowledge (PMBOK® Guide)</i> (7th ed.). • Hillson, D., Simon, P. (2020). <i>Practical Project Risk Management: The ATOM Methodology</i> (2nd ed.). Management Concepts. • Wysocki, R. K. (2019). <i>Effective Project Management: Traditional, Agile, Extreme</i> (8th ed.). 	
	Supplementary literature	<ul style="list-style-type: none"> • Kendrick, T. (2015). <i>Identifying and Managing Project Risk: Essential Tools for Failure-Proofing Your Project</i> (3rd ed.). AMACOM. • Ward, S., Chapman, C. (2008). <i>Stakeholders and Uncertainty Management in Projects</i>. Construction Management and Economics. • PMI. (2019). <i>Practice Standard for Risk Management in Portfolios, Programs, and Projects</i>. 	
	eResources addresses		
Example issues/ example questions/ tasks being completed	<ul style="list-style-type: none"> • Propose response actions to identified project risks and justify your choice. • Analyze a project situation under conditions of uncertainty and identify key risks. • Compare alternative risk response options and select the most effective solution. • Assess the impact of identified risks on project objectives. • Prepare a short presentation of risk analysis results along with justification of decisions. 		
Practical activities within the subject	Not applicable		

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