

Subject card

Subject name and code	Economic Evaluation of IT Projects, PG_00157183						
Field of study	Finance and Accounting						
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		1.0		
Learning profile	academic		Assessment form		credit		
Conducting unit	Department of Accounting -> Faculty of Management -> Rector						
Name and surname of lecturer (lecturers)	Subject supervisor		dr hab. Przemysław Lech				
	Teachers		dr hab. Przemysław Lech				
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	8.0	0.0	0.0	0.0	0.0	8
	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	8		10.0		7.0	25
Subject objectives	The course aims to familiarize participants with the methodology of selecting an information system and thefundamental aspects of managing an IT project within a company, with particular emphasis on economiccriteria.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[FiRMU2_U03] The student can analyse in depth the causes, course and effects of processes and phenomena in finance and accounting using advanced theories and appropriate social sciences methods. Can verify simple research hypotheses. Can collect data using information technology.	Understands the feedback loop between planning and execution. Is able to plan and evaluate a project.	[SU4] test/exam - oral or written
	[FiRMU2_K05] Responsibility: - meets deadlines, - is able to set priorities appropriately in order to complete the task set before him, - is able to foresee the social consequences of his actions, - consistently strives to achieve the set goal, - is able to work systematically and independently, - respects the rules and norms of social coexistence.	Can mention all aspects subject to planning in a project and prepare the project plan document.	[SK1] oral statement/conversation/discussion [SK4] test/exam - oral or written
	[FiRMU2_W07] The student knows in detail the principles of project evaluation of finance and accounting (profitability of investment projects, assessment of the financial situation of the organization, risk assessment, threat of bankruptcy). The student can identify risks associated with the activities of the organization and correctly determine their consequences and methods of mitigation with the skillful use of theoretical knowledge using a specific research method.	Student is able prepare a business case document for the information system.	[SW4] test/exam - oral or written [SW1] oral statement/conversation/discussion
	[FiRMU2_K01] Self-improvement: - understands the need for development and lifelong learning, - inspires others to learn, - is able to supplement and improve the acquired knowledge and skills, expanded by the interdisciplinary dimension, - knows his strengths and weaknesses, sets ambitious goals to the best of his ability, - knows how to reconcile with failure, admit to a mistake.	Understands the need to deepen knowledge by familiarizing oneself with the methodologies of planning, evaluating, and executing a project.	[SK1] oral statement/conversation/discussion [SK4] test/exam - oral or written
	[FiRMU2_W05] The student has an extended knowledge of advanced methods and tools, including data acquisition and analysis techniques, specific to the social sciences to describe economic structures and institutions and the processes within and between them.	Knows techniques of project planning.	[SW4] test/exam - oral or written
	[FiRMU2_U02] The student can use advanced theoretical knowledge to describe the causes and course of economic processes and phenomena. The student can formulate his own critical opinions.	Knows the theoretical foundations of project planning and management.	[SU4] test/exam - oral or written
Subject contents	1. The concept of a management information system, evolution of information systems2. The role of information systems in enterprise management3. Success criteria for implementing an information system4. Planning an IT project4.1 Planning the functionality/scope of the project4.2 Planning the project budget4.3 Planning the project schedule5. Overview of methods for evaluating the economic aspects6. Principles of preparing a business case for an IT project		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Written test	51.0%	100.0%
Recommended reading	Basic literature	1) PMBOK® Guide Wydanie Szóste Edycja Polska lub PMBOK®guide - A guide to the project management body of knowledge2) Lech P. (2007) Metodyka ekonomicznej oceny przedsięwzięćinformatycznych, WUG, Gdańsk	

	Supplementary literature	1) Dudycz H, Dyczkowski M. (2006) Efektywność przedsięwzięć informatycznych. Podstawy metodyczne pomiaru i przykłady zastosowań, Wydawnictwo AE we Wrocławiu, Wrocław2) Cyprijański J. (2007) Metodyczne podstawy ekonomicznej oceny inwestycji informatycznych przedsiębiorstw, Wydawnictwo Naukowe Uniwersytetu Szczecińskiego, Szczecin
	eResources addresses	
Example issues/ example questions/ tasks being completed		
Work placement	Not applicable	

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