

Subject card

Subject name and code	IT Projects Economics, PG_00156640						
Field of study	Informatics and Econometrics						
Date of commencement of studies	October 2024		Academic year of realisation of subject		2025/2026		
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	2		Language of instruction		Polish		
Semester of study	3		ECTS credits		2.0		
Learning profile	academic		Assessment form		credit		
Conducting unit	Department of Business Informatics -> Faculty of Management -> Rector						
Name and surname of lecturer (lecturers)	Subject supervisor		dr Dorota Buchnowska				
	Teachers		dr Dorota Buchnowska				
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	9.0	0.0	0.0	0.0	0.0	9
	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	9		10.0		35.0	54
Subject objectives	To familiarize students with methods of evaluating IT projects.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[liEMU2_K02] The student can communicate freely with the public on specialised topics in the field of computer science and econometrics in and outside the workplace, communicate his knowledge and share his skills through various media. Culturally participates in discussions, is not afraid to ask questions and knows how to give constructive criticism.	Is able to communicate freely with the environment on specialist topics related to the methods and limitations of evaluating IT projects.	[SK2] presentation/project/paper/report
	[liEMU2_K05] The student can think and act in an entrepreneurial manner and flexibly adapt to changing environmental conditions. Thinks creatively and can go beyond the usual patterns.	Is able to think and act in an entrepreneurial manner and evaluate IT projects taking into account changing environmental conditions.	[SK2] presentation/project/paper/report
	[liEMU2_U03] The student is able to identify, to an in-depth degree, the institutional-legal and social constraints on the functioning of economic structures and institutions and reflect them in modeling, forecasting and optimization.	Is able to identify, at an in-depth level, the costs and benefits associated with conducting IT projects.	[SU2] presentation/project/paper/report
	[liEMU2_U04] The student is able to plan, design, and program information systems at an advanced level, supporting the operation of business entities.	Is able to plan and evaluate IT projects at an advanced level.	[SU2] presentation/project/paper/report
	[liEMU2_W06] The student is familiar with advanced methods of assessing the effectiveness of business operations.	Knows advanced methods of assessing the effectiveness of conducting IT projects.	[SW2] presentation/project/paper/report
	[liEMU2_W07] The student has an extended and established knowledge of ethical norms applicable to business, good practices for its conduct and legal regulations for the protection of intellectual property. The student has an extended knowledge of the risks and responsibilities associated with the computerization of business processes. The student knows the principles of netiquette.	Has extensive and well-established knowledge of the risks associated with the computerization of economic processes.	[SW2] presentation/project/paper/report
Subject contents	1. Concept and types of IT projects 2. Problems related to efficiency measurement 3. The purpose of efficiency research 4. Costs and benefits of IT projects 5. Classification of methods for assessing the efficiency of projects 6. General methods for assessing the efficiency of projects 7. Methods dedicated to assessing the efficiency of IT projects 8. Methodology for assessing the efficiency of IT projects 9. Tools supporting the economic assessment of investments		
Prerequisites and co-requisites	Knowledge of issues related to IT project management.		
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	final project	51.0%	100.0%
Recommended reading	Basic literature	Wrycza S., Maślankowski J. (red.), Informatyka Ekonomiczna, PWN, Warszawa 2019, rozdz. 13, 16, 26 materiały na PE	
	Supplementary literature	Lech P. , Metodyka ekonomicznej oceny przedsięwzięć informatycznych, WUG, Gdańsk 2007 Materials posted on EP	
	eResources addresses		

Example issues/ example questions/ tasks being completed	
Work placement	Not applicable

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