

Subject card

Subject name and code	IT Project Management, PG_00179324						
Field of study	Informatics						
Date of commencement of studies	October 2023		Academic year of realisation of subject			2025/2026	
Education level	Bachelor'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	3		Language of instruction			Polish	
Semester of study	6		ECTS credits			3.0	
Learning profile	academic		Assessment form			credit	
Conducting unit							
Name and surname of lecturer (lecturers)	Subject supervisor		dr Monika Woźniak				
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	15.0	0.0	15.0	0.0	0.0	30
	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	30		0.0		0.0	30
Subject objectives	Acquiring knowledge and practical skills in the area of placing an IT project in an organization, IT project management methodologies, areas and groups of processes occurring in IT project management. Acquiring knowledge of the basics of team building, change management and project risk management.						
Learning outcomes	Course outcome		Subject outcome			Method of verification	
	[INFL3_K02] understands the need and appreciates the advantages of teamwork, understands the necessity of systematic work on team IT projects, is ready to work actively in a team		The student understands the need and appreciates the benefits of working in a project team, understands the need for systematic work and active action for the effective management of an IT project.			[SK2] presentation/project/paper/report	
	[INFL3_U04] is able to work in a team of IT specialists, manage his time and make commitments and meet deadlines, communicate using various techniques including dedicated tools		The student is able to cooperate in a project team, effectively manage project implementation time and team communication using various techniques and dedicated tools.			[SU2] presentation/project/paper/report	
	[INFL3_W05] has general knowledge of various programming paradigms and programming languages; has detailed knowledge of object-oriented design and programming methods and patterns		The student has general knowledge of various project management paradigms, knows the methods, techniques and tools necessary for project management.			[SW4] test/exam - oral or written [SW2] presentation/project/paper/report	

Subject contents	Lecture: - IT portfolio, program and project management - Definition, role and characteristics of IT projects - IT project management methodologies and standards - Organizational project maturity, IT-business alignment - Areas and process groups in IT project management - IT project management instruments Laboratory: - IT project life cycle - Project and product management - IT project management methodologies and standards - Project team - Areas and process groups in IT project management (case study)		
Prerequisites and co-requisites	No prerequisites or additional requirements		
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	conducting research	51.0%	20.0%
	test	51.0%	40.0%
	preparation and presentation of the project	51.0%	40.0%
Recommended reading	Basic literature	Głodziński E., Swacha J., Woźniak M., Zarządzanie projektami informatycznymi, PWE, Warszawa 2025 Flasiński M., Zarządzanie projektami informatycznymi, PWN, Warszawa 2022 Martin R. C., Zwinne wytwarzanie oprogramowania. Najlepsze zasady, wzorce i praktyki, Helion, Gliwice 2015 Szyjewski Z., Metodyki zarządzania projektami informatycznymi, Placet 2014 Trocki M., Organizacja projektowa, Polskie Wydawnictwo Ekonomiczne, Warszawa 2014	
	Supplementary literature	Woźniak M., Differentiated project and technology maturity in an organization a case study, Scientific Papers of Silesian University of Technology. Organization and Management Series, 2024, no. 203, pp. 617-635. https://doi.org/0.29119/1641-3466.2024.203.34 Woźniak M., Sliż P., Wycinka E., Wpływ implementacji technologii ICT na dojrzałość procesową i projektową na przykładzie dużych organizacji w Polsce, Studia i Prace. Kolegium Zarządzania i Finansów. Zeszyt Naukowy 195/2023, s. 245-266. https://doi.org/10.33119/SIP.2023.195.12 Woźniak, M. Sustainable Approach in IT Project Management Methodology Choice vs. Client Satisfaction. Sustainability, 13(3):1466, 2021. https://doi.org/10.3390/su13031466	
	eResources addresses		
Example issues/ example questions/ tasks being completed			
Work placement	Not applicable		

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