

Subject card

Subject name and code	IT Project Management, PG_00179324						
Field of study	Informatics						
Date of commencement of studies	October 2024		Academic year of realisation of subject		2026/2027		
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		dr Monika Woźniak				
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_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		
	[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		

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
	preparation and presentation of the project	51.0%	40.0%
	test	51.0%	40.0%
	conducting research	51.0%	20.0%
Recommended reading	Basic literature	Głodziński E., Swacha J., Woźniak M., Zarządzanie projektami informatycznymi, PWE, Warszawa 2025	
		Fłasiński 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	
Recommended reading	Supplementary literature	Trocki M., Organizacja projektowa, Polskie Wydawnictwo Ekonomiczne, Warszawa 2014	
		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. 1https://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		

Document generated electronically. Does not require a seal or signature.