

Subject card

Subject name and code	IT projects in the public sector - auditorium classes, PG_00198194						
Field of study	Administration						
Date of commencement of studies	October 2026	Academic year of realisation of subject			2027/2028		
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	full-time studies	Mode of delivery			at the university		
Year of study	2	Language of instruction			Polish		
Semester of study	4	ECTS credits			3.0		
Learning profile	academic	Assessment form			credit		
Conducting unit	Department of Financial Law -> Faculty of Law and Administration -> Rector						
Name and surname of lecturer (lecturers)	Subject supervisor		dr hab. Edvardas Juchnevičius				
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	30.0	0.0	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		2.0		43.0	75
Subject objectives	<p>The aim of the course is to familiarize students with the principles of planning, implementation, and evaluation of IT projects in the public sector, with particular emphasis on legal, organizational, and technological aspects. Students gain knowledge about the specific nature of IT project management in public administration, including public procurement procedures, digital transformation of public services, and the implementation of innovative technological solutions.</p> <p>The course also aims to develop practical skills in stakeholder analysis, IT solution design, project team management, and risk assessment related to the implementation of projects in the public sector.</p>						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[ADMINMU2_W03] has advanced knowledge and understanding of current dilemmas related to the functioning of administration and the application of legal institutions within the state, public administration, and the economy, including in the context of the creation and development of various forms of entrepreneurship, with particular emphasis on regulations concerning new technologies.	The student has advanced knowledge of challenges and dilemmas related to IT project implementation in public administration, including legal, organizational, and technological aspects.	[SW4] test/exam - oral or written [SW5] implementation of a problem task
	[ADMINMU2_K04] knows and understands the principles of entrepreneurship relevant to the effective organization of work in administration carrying out tasks with the use of new technologies.	The student understands the importance of entrepreneurship and innovative technological solutions in the effective functioning of public administration, particularly in the context of IT project implementation.	[SK1] oral statement/conversation/discussion [SK4] test/exam - oral or written [SK5] implementation of a problem task
	[ADMINMU2_U04] is able to professionally plan and organize work, and is prepared to actively participate in teams involved in carrying out administrative tasks, including leading such teams.	The student is able to plan and organize the implementation of an IT project in the public sector, including defining objectives, schedule, resources, and team roles.	[SU2] presentation/project/paper/report [SU4] test/exam - oral or written
Subject contents	<ol style="list-style-type: none"> 1. Introduction to IT projects in the public sector specificity, objectives, and conditions. 2. Digital transformation of public administration e-services, e-government, case studies (e.g., ePUAP, mObywatel). 3. IT project management traditional (Waterfall) and agile methodologies (Agile, Scrum). 4. Stakeholder analysis and user needs identification. 5. Project planning scope, schedule, budget, and resources. 6. Public procurement in IT projects legal framework and procedures. 7. Risk management in public sector IT projects. 8. Information security and personal data protection (GDPR) in IT projects. 9. Project team management and communication. 10. Monitoring and evaluation of IT projects. 11. Case studies analysis of selected IT projects in the public sector. 12. Team project development of an IT project concept for a selected public institution. 13. Presentation of projects and discussion. <p>Classes are conducted in the form of practical exercises, including project work and case study analysis.</p>		
Prerequisites and co-requisites			

Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	test	51.0%	20.0%
	class participation	51.0%	20.0%
	project+presentation	51.0%	60.0%
Recommended reading	Basic literature	Sommerville I., Software Engineering, Pearson, Harlow, 2016. Project Management Institute, A Guide to the Project Management Body of Knowledge (PMBOK Guide), PMI, Newtown Square, 2021. Scholl H. J., E-Government: Information, Technology, and Transformation, Routledge, New York, 2010. Dunleavy P., Digital Era Governance, Oxford University Press, Oxford, 2008.	
	Supplementary literature	Heeks R., Implementing and Managing eGovernment, SAGE, London, 2006. Kerzner H., Project Management: A Systems Approach, Wiley, Hoboken, 2017. OECD, Digital Government Review, OECD Publishing, Paris, 2020.	
	eResources addresses		
Example issues/ example questions/ tasks being completed	<ol style="list-style-type: none"> 1. Design an e-service system for a selected public institution. 2. Conduct stakeholder analysis for an IT project in public administration. 3. Identify risks in a public sector digitalization project. 4. Develop a project schedule (Gantt chart). 5. Case study analysis of the mObywatel system implementation. 6. Prepare assumptions for a public procurement procedure for an IT system. 7. Assess compliance of an IT project with GDPR. 		
Work placement	Not applicable		

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