

Subject card

Subject name and code	Process & Project Management , PG_00178890						
Field of study	Management						
Date of commencement of studies	October 2025		Academic year of realisation of subject		2026/2027		
Education level	Master'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	2		Language of instruction		English		
Semester of study	4		ECTS credits		6.0		
Learning profile	academic		Assessment form		exam		
Conducting unit	Department of Strategic Development and Quality Science -> Faculty of Management -> Rector						
Name and surname of lecturer (lecturers)	Subject supervisor		dr hab. Joanna Sadkowska				
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	30.0	30.0	0.0	0.0	0.0	60
	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	60		4.0		86.0	150
Subject objectives	This course aims at providing Students with process and project management knowledge, techniques and tools. Students, while working in project teams, will gain a practical approach towards managing projects during particular stages of the life cycle.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[ZARZMU2_U10] The student can communicate information, express opinions, and engage in debates with diverse audiences using management and quality science terminology across various media.	The student clearly communicates with other team members and other project stakeholders.	[SU2] presentation/project/paper/report
	[ZARZMU2_U04] The student can effectively select, use, adapt, or create methods and tools from management, quality sciences, economics, and finance for decision-making.	The Student properly uses particular project management techniques based on the information provided	[SU4] test/exam - oral or written
	[ZARZMU2_W06] The student possesses a thorough understanding of the principles of rational decision-making related to individual resources, functional areas within the organization, processes, and management levels. This understanding is based on a well-structured and theory-supported foundation in management, quality sciences, economics, and finance.	The students knows how to make optimum decisions in reference to particular project management processes.	[SW4] test/exam - oral or written
	[ZARZMU2_W08] The student possesses a deep understanding of management processes, including their objectives, specificity, complexity, and how they relate to other organizational processes, alongside the challenges and dilemmas presented by a dynamically changing environment.	The student has knowledge regarding project management techniques and tools	[SW4] test/exam - oral or written
	[ZARZMU2_W02] The student has an in-depth knowledge and understanding of various organizations, including their complexities, functional areas, internal processes, and their interactions with the environment.	The student has an in-depth knowledge and understanding of projects: their essence, types, life cycle.	[SW4] test/exam - oral or written
	[ZARZMU2_U12] The student can use technologies and IT systems (including advanced ones) to support the execution of management-related tasks.	The student correctly uses MsProject programme to manage projects	[SU2] presentation/project/paper/report
	[ZARZMU2_K03] The student is ready to think and act entrepreneurially and responsibly, initiate, coordinate, and participate in projects that benefit the social environment and the public interest, and inspire others in this area.	The student is able to think in an innovative way and clearly expresses the opinions and ideas.	[SK2] presentation/project/paper/report
	[ZARZMU2_U02] The student can identify complex issues related to the organization's operations, the processes within it, and its relationships with a changing environment, proposing appropriate and innovative solutions.	The student correctly identifies project stakeholders, analyzes them and prepares stakeholder strategies.	[SU2] presentation/project/paper/report
	[ZARZMU2_U11] The student can collaborate effectively in teams and assume leadership roles.	The students effectively takes roles in project team	[SU2] presentation/project/paper/report

Subject contents	Area I. Process Management Introduction into business process management Process and BPM life cycles Process identification Process formalization and process mining Process measurement and analysis Process management and improvement Process management maturity Area II. Operations management Selected techniques of the optimizations of operations Area III. Project Management Introduction into project management. Idea of project management Project basic parameters and features Project life cycle. Project: Initiating and planning. Selected project planning techniques.		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	project presentation	51.0%	20.0%
	process presentation	51.0%	20.0%
	written exam	51.0%	60.0%
Recommended reading	Basic literature Wysocki, R. K., Effective Project Management: Traditional, Agile, Extreme, Hybrid (8th ed.). John Wiley & Sons, Hoboken 2019.		

	Supplementary literature	Kerzner H., Project Management: Best practices on Implementation, John Wiley and Sons, Hoboken, 2004. Kerzner, H., Project Management Best Practices: Achieving Global Excellence (5th ed.), John Wiley & Sons, Hoboken 2024. Philips J., IT Project Management- On Track from Start to Finish, McGraw-Hill Osborne, 2004. Röglinger M., Pöppelbuß J., Becker J., Maturity models in business process management. Business process management journal, 2012. Van Der Aalst W., Adriansyah A., De Medeiros A. K. A., Arcieri F., Baier T., Blickle T., Wynn, M., Process mining manifesto. In International Conference on Business Process Management (pp. 169-194). Springer, 2011. Dumas M., La Rosa M., Mendling J., & Reijers H. A. Fundamentals of business process management, Springer, 2013. Hammer M. What is business process management?. In Handbook on business process management, Springer, 2015. Sadkowska J., The difficulty in following project schedule as a key project management challenge: family firm perspective, Management and Economics Review, vol. 1, issue 2, 2016. Berniak-Woźny J., Sliz P., Siciński J. Balbuza-Kudzian M., Green processes in Poland- Report 2024, Faculty of management
	eResources addresses	
Example issues/ example questions/ tasks being completed	1. preparation of the project charter 2. preparation of project stakeholder analysis and strategy for dealing with individual stakeholders 3. preparation of a Gantt chart for the project 4. preparation of a network diagram for the project	
Work placement	Not applicable	

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