

Subject card

Subject name and code	ERP - Supported Project Management, PG_00156682						
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 Teaching materials in English		
Semester of study	4		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 Anna Lenart				
	Teachers		dr Anna Lenart				
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	0.0	9.0	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	1. Transfer of knowledge on project management and the use of ERP systems on the example of the PM module. 2. Preparing students to use the SAP S 4/HANA system on the example of the model company Global Bike Inc. (GBI) created for teaching purposes by SAP University Alliances. 3. Students acquire the skills to plan and implement projects in the SAP S/4HANA system.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[liEMU2_U02] The student is able to proficiently acquire detailed information about economic processes and phenomena through direct observation, planned experimentation or database queries, as well as collect and process it using modern information technology tools.	The student is able to acquire information about project from SAP S/4 HANA system.	[SU2] presentation/project/paper/report [SU5] implementation of a problem task
	[liEMU2_K04] The student can work in a team, co-create it, effectively manage and supervise it; efficiently adapts his behavior and conduct to his role in it; is ready to take responsibility for the team and bear the consequences; understands the necessity of systematicity and consistency in action; is open to other team members and critical of himself.	The student understands the necessity of systematicity in planning and implementing projects.	[SK5] implementation of a problem task
	[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.	The student is able to identify limitations in the implementation of projects.	[SU5] implementation of a problem task
	[liEMU2_K03] The student is able to communicate freely with the public inside and outside the workplace, transfer his knowledge and share his skills through various media.	The student can communicate his knowledge with the public on topics in the field of project management in SAP S/4 HANA system and share his skills with various media.	[SK2] presentation/project/paper/report [SK5] implementation of a problem task
	[liEMU2_W05] The student has an in-depth knowledge of socio-economic data sources, their databases and how to create them.	The student has an in-depth knowledge of economic data sources and project management in SAP S/4 HANA system.	[SW2] presentation/project/paper/report [SW5] implementation of a problem task
	[liEMU2_W04] The student has an in-depth knowledge of advanced mathematical, statistical, econometric and IT methods that enable the acquisition, processing and analysis of data reflecting the functioning and growth of the national economy and its components, as well as the phenomena and processes occurring in their environment.	The student has an in-depth knowledge of advanced IT methods that enable the acquisition, processing and analysis of data regarding planning and implementation of project.	[SW2] presentation/project/paper/report [SW5] implementation of a problem task
Subject contents	1. Theoretical foundations of project management (including types of projects; project life cycle; methods, techniques and methodologies as well as tools supporting project management). 2. Application of the Project Management (PM) module, including a presentation prepared by SAP UA regarding the functional capabilities, organizational structures and master data of the PM module. 3. Application of the Project Management module - performing exercises and case studies. 4. Assessment of the PM module - reporting.		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	report on problem tasks	51.0%	100.0%
Recommended reading	Basic literature	1. Lenart A., Systemy ERP, [w:] Wrycza S., Maślankowski J. (red.), Informatyka ekonomiczna. Teoria i zastosowania, Wydanie II, PWN, Warszawa 2019 (chapter 17). 2. Intro to SAP S4HANA Using Global Bike 4.2, learning materials, SAP University Alliances, July 2023. 3. A course for the subject "Project management with the support of the ERP system" on the UG Educational Portal.	
	Supplementary literature	1. Dowling K., Project Builder in SAP Project System Practical Guide, SAP Press 2015. 2. Franz M., Project Management with SAP Project System, Galileo Press, New York 2013. 3. Kerzner H., Project Management: A Systems Approach to Planning, Scheduling, and Controlling, John Wiley & Sons 2022.	
	eResources addresses		

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

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