

Subject card

Subject name and code	Information Systems in Company Management, PG_00118989						
Field of study	Economics						
Date of commencement of studies	October 2023	Academic year of realisation of subject				2025/2026	
Education level	Bachelor's studies	Subject group					
Mode of study	full-time studies	Mode of delivery				at the university	
Year of study	3	Language of instruction				Polish	
Semester of study	5	ECTS credits				1.0	
Learning profile	academic	Assessment form				credit	
Conducting unit	Division of Electronic Economy -> Department of Maritime Transport and Seaborne Trade -> Faculty of Economics -> Rector						
Name and surname of lecturer (lecturers)	Subject supervisor		dr Zuzanna Borda				
	Teachers		dr Zuzanna Borda				
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	15.0	0.0	0.0	0.0	0.0	15
	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	15		0.0		0.0	15
Subject objectives	The aim of the course lectures is to familiarize students with the role and function of information systems in the management of organizations. During the lectures, students will gain knowledge about the types of information systems, their architecture, functions and the ways in which they support decision-making and operational processes in enterprises. The latest technologies and trends in the development of information systems will also be discussed.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[EKONL3_U02] is able to use the knowledge of theory and data to analyse concrete economic and social processes and phenomena and to analyse these phenomena using methods developed in economics, finance and management sciences	The student is able to gather data and apply theoretical knowledge to analyze economic and social phenomena using information system tools.	[SU4] test/exam - oral or written
	[EKONL3_W02] has advanced knowledge of the different types of existing business entities and organisations and public institutions	The student has advanced knowledge of various types of economic organizations and public institutions, and understands their information needs supported by management systems.	[SW4] test/exam - oral or written
	[EKONL3_K06] is willing to be guided in his professional life by business ethics and corporate social responsibility, to respect others and to be loyal to his employer	The student follows business ethics and corporate social responsibility in their work with information systems, respecting user privacy and interests.	[SK4] test/exam - oral or written
	[EKONL3_K05] correctly identifies, diagnoses and resolves professional dilemmas and different options for solutions	The student is able to identify and resolve professional dilemmas arising from the design, implementation, and use of information systems in enterprise management.	[SK4] test/exam - oral or written
	[EKONL3_W03] has advanced knowledge of the relations between economic agents and social organisations operating in the national, international and intercultural arenas	The student has advanced knowledge of relationships between economic entities and social organizations, including the role of information systems in their cooperation and data exchange at national and international levels.	[SW4] test/exam - oral or written
[EKONL3_U04] can predict and forecast the course of economic and social processes and phenomena	The student is able to forecast the course of economic and social processes using data from information systems in enterprises.	[SU4] test/exam - oral or written	
Subject contents	<p>Topic 1: Introduction to information systems</p> <p>Topic 2: Types of information systems</p> <p>Topic 3: Architecture of information systems</p> <p>Topic 4: Business Intelligence (BI)</p> <p>Topic 5: ERP (Enterprise Resource Planning) systems</p> <p>Topic 6: CRM systems (Customer Relationship Management)</p> <p>Topic 7: Security and data protection</p> <p>If you have any further questions or concerns, feel free to come to my consultation hours.</p>		
Prerequisites and co-requisites	To attend lectures, students should have basic computer skills. Knowledge of basic IT tools and the ability to effectively use the Internet and office applications are necessary to fully understand the material discussed during lectures.		
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Exam	51.0%	100.0%

Recommended reading	Basic literature	Laudon, K. C., Laudon, J. P., Management Information Systems: Managing the Digital Firm, Pearson, Boston, 2020. OBrien, J. A., Marakas, G. M., Introduction to Information Systems, McGraw-Hill Education, New York, 2016. Turban, E., Volonino, L., Information Technology for Management: Advancing Sustainable, Profitable Business Growth, Wiley, Hoboken, 2019.
	Supplementary literature	Stair, R., Reynolds, G., Principles of Information Systems, Cengage Learning, 2019. Gallaughier, J., Information Systems: A Managers Guide to Harnessing Technology, FlatWorld, 2020. Haag, S., Cummings, M., Management Information Systems for the Information Age, McGraw-Hill Education, 2014.
	eResources addresses	
Example issues/ example questions/ tasks being completed		
Work placement	Not applicable	

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