

**Subject card**

<b>Subject name and code</b>	Information Systems in Enterprise, PG_00119460						
<b>Field of study</b>	Economics						
<b>Date of commencement of studies</b>	October 2024	<b>Academic year of realisation of subject</b>			2025/2026		
<b>Education level</b>	Master's studies	<b>Subject group</b>			Obligatory subject group in the field of study Optional subject group		
<b>Mode of study</b>	part-time studies	<b>Mode of delivery</b>			at the university		
<b>Year of study</b>	2	<b>Language of instruction</b>			Polish		
<b>Semester of study</b>	4	<b>ECTS credits</b>			2.0		
<b>Learning profile</b>	academic	<b>Assessment form</b>			exam		
<b>Conducting unit</b>	Division of Electronic Economy -> Department of Maritime Transport and Seaborne Trade -> Faculty of Economics -> Rector						
<b>Name and surname of lecturer (lecturers)</b>	<b>Subject supervisor</b>		dr hab. Jacek Winiarski				
	<b>Teachers</b>		dr hab. Jacek Winiarski mgr Marcin Hofman				
<b>Lesson types</b>	<b>Lesson type</b>	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	<b>Number of study hours</b>	12.0	0.0	0.0	0.0	0.0	12
	E-learning hours included: 0.0						
<b>Learning activity and number of study hours</b>	<b>Learning activity</b>	Participation in didactic classes included in study plan		Participation in consultation hours		Self-study	SUM
	<b>Number of study hours</b>	12		0.0		0.0	12
<b>Subject objectives</b>	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
	[EKONMU2_W08] has an in-depth knowledge of processes occurring in enterprises and economic organisations and with related areas, as well as of processes of change in public institutions; knows methods of research on the regularities governing these changes, taking into account the influence of external stakeholders on them	Students will acquire knowledge of enterprise management systems.	[SW4] test/exam - oral or written
	[EKONMU2_K04] is ready to think and act in an entrepreneurial manner; adapts to new situations and conditions; undertakes challenges of creative thinking; acquires resilience to failures; can assess risks and threats and find ways of counteracting their effects	Students learn about innovative solutions for enterprises.	[SK4] test/exam - oral or written
	[EKONMU2_U15] can independently expand and improve acquired knowledge and skills in economics; is open to new ideas and techniques; tends to learn using any accessible method and to interact with other participants of the learning process	Students learn about innovative solutions for enterprises.	[SU4] test/exam - oral or written
	[EKONMU2_U14] can appropriately identify priorities and plan and organise tasks related to their implementation, as well as monitor and assess progress	Students will be able to implement the system in an enterprise.	[SU4] test/exam - oral or written
	[EKONMU2_U13] can manage teamwork as well as interact and work in a team (including in an international environment) assuming a leading role in it	Students learn about issues related to the ethics of systems based on artificial intelligence.	[SU4] test/exam - oral or written
	[EKONMU2_W11] knows the detailed principles of establishing and developing forms of individual entrepreneurship, using the knowledge of economics, finance and management sciences	Students will acquire knowledge of enterprise management systems.	[SW4] test/exam - oral or written
	[EKONMU2_W03] has an in-depth knowledge of relations between economic phenomena, entities and organisations as well as public institutions functioning in the national, international and intercultural spheres	Students will acquire knowledge of enterprise management systems.	[SW4] test/exam - oral or written
	[EKONMU2_W04] knows different types of economic and social ties and regularities governing them; has an in-depth knowledge of economic and financial ties between enterprises	Students will acquire knowledge of enterprise management systems.	[SW4] test/exam - oral or written
[EKONMU2_K05] correctly identifies, diagnoses and solves dilemmas and alternative solutions related to the profession	Students will be able to implement the system in an enterprise.	[SK4] test/exam - oral or written	
Subject contents	<p>Topic 1: Introduction to information systems  Topic 2: Types of information systems  Topic 3: Architecture of information systems  Topic 4: Business Intelligence (BI)  Topic 5: ERP (Enterprise Resource Planning) systems  Topic 6: CRM systems (Customer Relationship Management)  Topic 7: Security and data protection</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.  Gallagher, 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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