

Subject card

Subject name and code	Small Business IT Systems, PG_00156614						
Field of study	Informatics and Econometrics						
Date of commencement of studies	October 2024		Academic year of realisation of subject		2024/2025		
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	1		Language of instruction		Polish		
Semester of study	1		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 Dorota Buchnowska				
	Teachers		dr Dorota Buchnowska				
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. Familiarizing students with the types of business applications for the SME sector. 2. Familiarizing students with the functionality of business applications for the SME sector. 3. Familiarizing students with the benefits of using ICT solutions in an SME enterprise.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[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 in-depth knowledge of advanced IT methods and tools enabling the acquisition, processing and analysis of data that improve the functioning of processes taking place in the enterprise.	[SW2] presentation/project/paper/report [SW5] 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 in-depth knowledge about the needs and possibilities of creating and using data to improve enterprise management processes.	[SW2] presentation/project/paper/report
	[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.	Is able to efficiently acquire, collect and process detailed information about processes taking place in the enterprise and economic phenomena in its environment using modern IT tools.	[SU2] presentation/project/paper/report [SU8] observation of student's independent or team work
	[liEMU2_K05] The student can think and act in an entrepreneurial manner and flexibly adapt to changing environmental conditions. Thinks creatively and can go beyond the usual patterns.	Is able to think and act in an entrepreneurial manner and use innovative information technologies and flexibly and creatively adapt them to changing conditions in the enterprise and the environment.	[SK2] presentation/project/paper/report [SK8] observation of student's independent or team work
	[liEMU2_U08] The student can analyse business needs and, as appropriate, configure and apply modern information and communication technologies in business management and business communication.	Is able to analyze the business needs of an SME and, as needed, configure and apply modern information and communication technologies in the process of managing such an enterprise and business communications.	[SU2] presentation/project/paper/report [SU8] observation of student's independent or team work
	[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.	Is able to communicate freely with the environment, convey his/her knowledge of the use of information technologies in an SME sector enterprise and share his/her knowledge and skills using various media.	[SK2] presentation/project/paper/report
Subject contents	1. Types of IT applications for SME sector companies. 2. The market of IT applications for the SME sector. 3. Functionality of IT solutions in the area of warehouse management, supply and sales. 4. Functionality of IT solutions in the area of HR and payroll. 5. Functionality of IT solutions in the area of finance and accounting. 6. Functionality of IT solutions in the area of CRM.		
Prerequisites and co-requisites	Knowledge of business processes implemented in enterprises.		
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	tasks performed during classes	70.0%	50.0%
	final project	51.0%	50.0%
Recommended reading	Basic literature	1. Wrycza S., Maślankowski J., Informatyka ekonomiczna. Teoria i zastosowania., PWN, Warszawa 2019 2. Materials on the MESTWIN Educational Portal.	
	Supplementary literature	Documentation of information technologies used in classes and in the project.	
	eResources addresses		
Example issues/ example questions/ tasks being completed			
Work placement	Not applicable		

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