

**Subject card**

<b>Subject name and code</b>	Domain-specific IT Solutions, PG_00178144						
<b>Field of study</b>	Informatics and Econometrics						
<b>Date of commencement of studies</b>	October 2026	<b>Academic year of realisation of subject</b>			2027/2028		
<b>Education level</b>	Bachelor's studies	<b>Subject group</b>			Obligatory subject group in the field of study Optional subject group Subject group related to scientific research in the field of study		
<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>			credit		
<b>Conducting unit</b>	Department of Business Informatics -> Faculty of Management -> Rector						
<b>Name and surname of lecturer (lecturers)</b>	<b>Subject supervisor</b>		dr Dorota Buchnowska				
	<b>Teachers</b>						
<b>Lesson types</b>	<b>Lesson type</b>	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	<b>Number of study hours</b>	8.0	0.0	0.0	0.0	0.0	8
	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>	8		1.0		41.0	50
<b>Subject objectives</b>	Familiarize students with the concept of enterprise architecture. Teach students to build enterprise architecture using the ArchiMate enterprise architecture modeling language.						
<b>Learning outcomes</b>	<b>Course outcome</b>		<b>Subject outcome</b>			<b>Method of verification</b>	
	[liEL3_U12] The student can design and implement IT systems to enhance business operations and effectively utilize modern ICT technologies for management and business communication.		The student designs the logical structure of an enterprise's IT system using the ArchiMate language, implements architectural models consistent with business assumptions, and integrates modern ICT technologies to support organizational management and communication.			[SU2] presentation/project/paper/report [SU6] demonstration of practical skills	
[liEL3_W08] The student has advanced knowledge and understanding of the possibilities and dilemmas of using informatics and statistics tools and their importance in the context of changing needs.		The student is able to identify and apply basic elements of the ArchiMate language to model enterprise architecture and analyze selected aspects of its structure and functionality using IT tools.			[SW2] presentation/project/paper/report		
<b>Subject contents</b>	The subject introduces the enterprise architecture concept and teaches students to build enterprise architecture using enterprise architecture modeling language ArchiMate						
<b>Prerequisites and co-requisites</b>	-						
<b>Assessment methods and criteria</b>	<b>Subject passing criteria</b>		<b>Passing threshold</b>		<b>Percentage of the final grade</b>		
	Enterprise architecture in Archimate for a small enterprise		51.0%		100.0%		

Recommended reading	Basic literature	Fundamentals of Enterprise Architecture, by Tanu McCabe, O'Reilly, 2024
	Supplementary literature	Digital Enterprises: Service-Focused, Digitally-Powered, Data-Fueled Editors: Henderik A. Proper, Bas van Gils, Kazem Haki, Springer 2023
	eResources addresses	
Example issues/ example questions/ tasks being completed	Developing Application layer enterprise architecture for a company in Archimate	
Work placement	Not applicable	

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