



## Subject card

Subject name and code	ENTERPRISE IT RESOURCE MANAGEMENT, PG_00061801						
Field of study	Engineering Management						
Date of commencement of studies	October 2024		Academic year of realisation of subject		2025/2026		
Education level	first-cycle studies		Subject group		Optional subject group		
Mode of study	Full-time studies		Mode of delivery		at the university		
Year of study	2		Language of instruction		Polish		
Semester of study	3		ECTS credits		3.0		
Learning profile	general academic profile		Assessment form		assessment		
Conducting unit	Department Of Informatics In Management -> Faculty Of Management And Economics -> Wydział Politechniki Gdańskiej						
Name and surname of lecturer (lecturers)	Subject supervisor		dr inż. Magdalena Ciesielska				
	Teachers						
Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	15.0	0.0	15.0	0.0	0.0	30
	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	30		5.0		40.0	75
Subject objectives	Analyzes the functioning of the organization and prepares an IT resource management strategy tailored to its needs						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	[K6_U02] prepares and presents convincing, professional presentations of the results of its activities, with their advanced interpretation		designs strategies for the development of computerization and business models for the provision of IT services, justifying them in an advanced way		[SU3] Assessment of ability to use knowledge gained from the subject		
	[K6_W03] identifies reliable sources of information relevant to the analyzed issues		analyzes the structure of the organization by collecting information to develop a strategy tailored to the needs of the business		[SW1] Assessment of factual knowledge		
Subject contents	Resource Theory Computerization strategy Business-IT match Balanced Scorecard Information and information systems IT platforms Breakthrough technologies enterprise architecture Asset management Service management. software engineering IT competencies and roles IT audit IT outsourcing						
Prerequisites and co-requisites							
Assessment methods and criteria	Subject passing criteria		Passing threshold		Percentage of the final grade		
	Lecture		60.0%		50.0%		
	Laboratory		60.0%		50.0%		
Recommended reading	Basic literature		M. Pańkowska, Zarządzanie zasobami informatycznymi. Difin. Warszawa 2001 Ciesielska M., Musiatowicz-Podbiał G., Zarys problematyki zarządzania zasobami informatycznymi w przedsiębiorstwie, Wydawnictwo Politechniki Gdańskiej, Gdańsk, 2021				

	Supplementary literature	Barney J.B., Clark D.N. (2007), Resource-based Theory. Creating and Sustaining Competitive Advantage, Oxford University Press, New York Stanisław Wrycza (red.) Informatyka ekonomiczna; PWE Warszawa 2010 Arkadiusz Januszewski; Funkcjonalność Informatycznych systemów zarządzania - Zintegrowane systemy transakcyjne; PWN Warszawa 2008 Jerzy Kisielnicki, Zarządzanie i Informatyka" Placet 2014 Kenneth C. Laudon and Jane Price Laudon, Management Information Systems. Managing the Digital Firm, 12th Edition, Pearson Education Ltd. 2014
	eResources addresses	Adresy na platformie eNauczanie:
Example issues/ example questions/ tasks being completed	Set the right IT strategy model Identify SLA parameters Choose the right business model for providing IT services: SaaS, IaaS, PaaS	
Work placement	Not applicable	

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