



## Subject card

Subject name and code	PROCESS MANAGEMENT, PG_00060999						
Field of study	Management, Management						
Date of commencement of studies	October 2025		Academic year of realisation of subject		2025/2026		
Education level	second-cycle 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		3.0		
Learning profile	general academic profile		Assessment form		assessment		
Conducting unit	Department Of Management -> Faculty Of Management And Economics -> Wydziały Politechniki Gdańskiej						
Name and surname of lecturer (lecturers)	Subject supervisor		dr inż. Marzena Grzesiak				
	Teachers		dr inż. Marzena Grzesiak				
Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	16.0	0.0	8.0	0.0	0.0	24
	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	24		6.0		45.0	75
Subject objectives	Interprets the principles of process organization functioning by modeling processes, conducting simulation experiments and interpreting the results						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	[K7_W03] demonstrates in-depth preparation in the application of management methods and techniques for formulating and solving management problems		applies the BPMN modeling methodology to simulate business processes, obtaining solutions to defined problems		[SW1] Assessment of factual knowledge		
	[K7_U04] prepares and presents convincing, professional presentations of the results of its activities, with their in-depth interpretation		maps the operation of a real process in the form of a simulation model, presenting and interpreting the results obtained from a simulation experiment		[SU4] Assessment of ability to use methods and tools		
Subject contents	LECTURE Definitions and differences between functional and process organization Process approach in selected management concepts Definition and classification of processes Models and standardization of processes The essence and goals of process management Methodology of managing economic processes Identification and mapping of processes Modeling processes and implementing changes Process management Methods and techniques for process improvement and management Implementation of the process approach in the organization Process control. IT systems supporting process management LABORATORY						
	Principles of building a process map in BPMN notation. Building correct BPMN diagrams (private, public and collaboration). Defining event and activity parameters. Defining messages, attributes and model parameters. Formulating process measures. Conducting simulations. Analyzing results. Recommending solutions to improve the process.						

Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Final exercise	56.0%	30.0%
	Final test	56.0%	50.0%
	Exercises	56.0%	20.0%
Recommended reading	Basic literature	Dumas M., La Rosa.M, Mendling J., Rejiers H.A.: Business Process Management. Istota zarządzania procesami biznesowymi, PWN, Warszawa 2022 Grajewski P.: Organizacja procesowa, PWE, Warszawa 2007 Misiak Z.: Modelowanie procesów biznesowych. BPMN 2.0 od podstaw, Onepress, 2023 Sliż P: Organizacja procesowo-projektowa. Istota. Modelowanie. Pomiar dojrzałości. Wydawnictwo Difin, Warszawa 2021	
	Supplementary literature	Bitkowska A.: Zarządzanie procesami biznesowymi w przedsiębiorstwie, Vizja Press&IT, Warszawa 2009 Bitkowska A.: Zarządzanie procesowe we współczesnych organizacjach, Difin 2013 Grzesiak M. Modelowanie procesów biznesowych z wykorzystaniem narzędzi iGrafx Process 2015, Gdańsk 2018, wyd. PG Piotrowski M.: Notacja modelowania procesów biznesowych. Podstawy, Wydawnictwo BTC 2014 Skrzypek E., Hoffman M.: Zarządzanie procesami w przedsiębiorstwie, Wolters Kluwer 2011	
	eResources addresses	Adresy na platformie eNauczanie:	
	Example issues/ example questions/ tasks being completed	Characterize selected management concepts using the process approach. Analyze the differences Discuss selected IT tools in process management Perform the exercise according to the instructions - getting to know the application Graphically represent the process described in the task. Define its parameters. Analyze the results of the process. Suggest changes	
Work placement	Not applicable		

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