



Subject card

Subject name and code	PROCESS MANAGEMENT, PG_00061052						
Field of study	ZARZĄDZANIE PROCESOWE						
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 (on-line)		Mode of delivery		blended-learning		
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				
			Piotr Sliż				
Lesson types	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: 18.0						
	eNauczanie source addresses: Moodle ID: 46181 Zarządzanie procesowe - niestacjonarne online 2025 https://enauczanie.pg.edu.pl/moodle/course/view.php?id=46181						
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	To prepare students to map, analyze and optimize business processes in BPMN notation, based on knowledge of process management and organization analysis methods, and to develop skills in practical modeling and evaluation of process effectiveness, as well as to shape attitudes related to cooperation and responsible presentation of teamwork results in the context of improving the functioning of the organization.						
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		knows and understands methods for mapping, analyzing, and improving business processes in the context of their efficiency and process approach		[SW1] Ocena wiedzy faktograficznej		
	[K7_U04] prepares and presents convincing, professional presentations of the results of its activities, with their in-depth interpretation		can develop a process model in BPMN notation, analyze it, and propose optimization measures using process efficiency assessment methods		[SU4] Ocena umiejętności korzystania z metod i narzędzi		

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
	Partial and final tasks: developing a process model in BPMN notation, conducting an analysis, and proposing optimization measures.	60.0%	50.0%
	A quiz with closed and open-ended questions to verify knowledge of process management concepts, principles, and methods.	60.0%	50.0%
Recommended reading	Basic literature	Dumas M., La Rosa.M, Mendling J., Reijers 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		
	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	
Practical activities within the subject	Not applicable		

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