University of Gdańsk

Subject card

Subject name and code	Business Process Management, PG_00206615						
Field of study	Healthcare Management						
Date of commencement of studies	October 2027		Academic year of realisation of subject	2029/2030			
Education level	Bachelor's studies		Subject group	Obligatory subject group in the field of study Subject group related to practical vocational preparation			
Mode of study	full-time studies		Mode of delivery	at the university			
Year of study	3		Language of instruction	Polish			
Semester of study	6		ECTS credits	2.0			
Learning profile	practical		Assessment form	exam			
Conducting unit	Department of Organisation and Management -> Faculty of Management -> Rector						
Name and surname of lecturer (lecturers)	Subject supervisor		prof. dr hab. Agnieszka Szpitter				
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	15.0	15.0	0.0	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		1.0	19.0		50
Subject objectives	The general objective of this course is to introduce students to practical aspects of business process improvement, including process identification, analysis, the development of simple process models, approaches to process enhancement, and the use of tools and methods for business process modeling—utilizing both basic and more complex notations, such as BPMN 2.0. The course also clarifies the distinctions between business process analysis and IT-oriented process analysis, focusing specifically on the business dimension of business process architecture. The growing demand for highly qualified and competent professionals—those equipped with the expert knowledge and specialized skills required to develop business process architecture—has led to an increased interest in this field among students of management, as well as those in other social and exact sciences. Proficiency in business process architecture is a direct response to the needs of contemporary business practice.						

Learning outcomes

Course outcome	Subject outcome	Method of verification
[ZOZL3_W06] Knows and understands, to an advanced degree, the principles of rational decision-making in relation to specific resources, functional areas within an organisation, processes and levels of management, particularly in the context of healthcare organisations	The student possesses an advanced understanding of the principles for making rational decisions regarding the design, optimization, and allocation of resources within the architecture of business processes (core, support, and management), as well as the interconnections between functional areas and management levels in healthcare organizations.	[SW4] test/exam - oral or written [SW2] presentation/project/paper/ report
[ZOZL3_U01] Can analyze and interpret socio-economic processes and phenomena in the context of business decision-making, particularly in relation to the healthcare sector, using knowledge and tools from the fields of management and quality sciences, as well as economics and finance	The student is able to analyze and interpret the impact of socio-economic and regulatory factors on the structure and efficiency of business processes, utilizing process analysis methods and tools as well as economic calculation techniques (e.g., Activity-Based Costing, KPIs) to support restructuring and optimization decisions within healthcare sector entities.	[SU2] presentation/project/paper/ report [SU4] test/exam - oral or written
[ZOZL3_U12] Can utilize IT tools to enhance management-related professional tasks, including within healthcare organisations	The student is able to use specialized IT tools (BPA/BPMS class) and notation standards (e.g., BPMN, ArchiMate) for the modeling, analysis, simulation, and optimization of business process architectures that support resource management and task execution within healthcare sector organizations.	[SU2] presentation/project/paper/ report

Subject contents

Business Process Architecture is a relatively young specialization within the field of management science. It plays an increasingly significant and ever-growing role in the business environment across various types of organizations—primarily private enterprises, but also public sector entities, state and local government bodies, and non-profit organizations. The Business Process Architecture course introduces students to the analysis of business processes within an organization. It also covers practical solutions used in the business world, utilizing specialized software—such as iGrafx and Adonis NP—to model processes using standard notations (e.g., BPMN) and to perform analysis and simulation of business processes.

Prerequisites and co-requisites

Students are required to attend both tutorials and lectures. Attendance at tutorials and lectures is mandatory.

Assessment methods and criteria

Subject passing criteria	Passing threshold	Percentage of the final grade
project with presentation	51.0%	50.0%
test	51.0%	50.0%

Recommended reading

Basic literature	1. A.A. Szpitter, Architektura zarządzania procesami i projektami, CeDeWu, Warszawa 2020.2. Treści przekazywane na wykładach oraz na ćwiczeniach.
Supplementary literature	B. Nogalski, A.A. Szpitter, M. Jabłoński, Efektywne zarządzanie wynikami w projektach inwestycyjnych operatorów systemu dystrybucyjnego, Wyd. UG, Gdańsk 2018.
eResources addresses	

Example issues/ example questions/ tasks being completed

Work placement

Not applicable

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