



Subject card

Subject name and code	Organization Science, PG_00050188						
Field of study	Engineering Management						
Date of commencement of studies	October 2022		Academic year of realisation of subject		2022/2023		
Education level	first-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	2		ECTS credits		4.0		
Learning profile	general academic profile		Assessment form		exam		
Conducting unit	Department Of Management -> Faculty Of Management And Economics -> Wydziały Politechniki Gdańskiej						
Name and surname of lecturer (lecturers)	Subject supervisor		dr hab. inż. Wioleta Kucharska				
	Teachers		dr hab. inż. Wioleta Kucharska				
Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	16.0	8.0	0.0	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		70.0	100
Subject objectives	Obtaining knowledge about the organization, types of organizations, their characteristics and development process.						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	[K6_K03] initiates creative and entrepreneurial activities in the organization using the knowledge of engineering management		Student on the basis of the organization's characteristics, size, subject of activity determines the most appropriate organizational and legal form for it		[SK2] Assessment of progress of work		
	[K6_U03] uses basic methods and tools to describe and analyse the organisation's environment		Student explains the relationship between the organization and the environment on the theoretical backgrounds.		[SU3] Assessment of ability to use knowledge gained from the subject		
	[K6_U06] uses basic theoretical knowledge to solve selected organizational problems, design technical solutions and manage projects, including engineering projects		Student analyzes the organization's situation in the context of its environment and chooses the most appropriate model of cooperation with another organization in a specific situation. Student knows how to conduct organizational change, also in the field of engineering project implementation.		[SU2] Assessment of ability to analyse information		
	[K6_W03] has a basic knowledge of the relationship both within the organisation and between the organisation and the environment		Student defines the organization, resources, aims, classifies resources and the environment of the organization.		[SW1] Assessment of factual knowledge		

Subject contents	1. Organizational sciences and their interdisciplinarity in management. 2. Dynamic capabilities, agility, and resilience. 3. Strategy, culture, and structure: formulation, implementation, and re-formulation: managing continuous change in practice. 4. Multilevel organizational learning; learning by trial-error development on the 1st, 2nd, and 3rd loop; risk and critical thinking as development drivers. 5. The organization and its shared-value-oriented business models. 6. Intellectual capital of the organization: acquiring, maintaining, and its sustainable development in the process of managing continuous change. 7. Organizational leadership in a crisis of trust. Why do leaders fail? 8. Virtual Organizations		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	lecture test	60.0%	50.0%
	case study analysis test	60.0%	50.0%
Recommended reading	Basic literature	1. Sz. Cyfert, K. Krzakiewicz, Wprowadzenie do nauki o organizacji, UE Poznań 2017, 2. B. Kożuch, Nauka o organizacji, CeDeWu, Warszawa 2011, 3. Sz. Cyfert, K. Krzakiewicz, Nauka o organizacji, TNOiK, Poznań 2009, 4. R. Marciniak, Elementy nauki o organizacji Podręcznik akademicki, Katowice 2009, 5. S. Marek, M. Białasiewicz (red.), Podstawy nauki o organizacji: przedsiębiorstwo jako organizacja gospodarcza, PWE, W-wa 2011, 6. J. Żbikowski, Teoria organizacji i zarządzania, Akademia Bydgoska, Bydgoszcz 2004, 7. M. J. Hatch, Teoria organizacji, PWN, Warszawa 2002	
	Supplementary literature	1. The Law of Entrepreneurs, 2. The Code of Commercial Companies, 3. The Civil Code, 4. The Public Finance Act, 5. The Law on Associations, 6. Act on foundations.	
	eResources addresses	Podstawowe https://enauczanie.pg.edu.pl/moodle/course/view.php?id=2254 - Adresy na platformie eNauczanie: Nauki o Organizacji - Moodle ID: 2254 https://enauczanie.pg.edu.pl/moodle/course/view.php?id=2254	
Example issues/ example questions/ tasks being completed	1. presentation of the universal organization characteristics, 2. types of organization resources, 3. division of the organization's environment, 4. organizations operating in three sectors of the economy, 5. features of the organization at various stages of development, 6. problems of implementing organizational change, 7. models of cooperation of the organization, 8. multilevel organizational learning, 9. shared value creation, 10. dynamic capabilities.		
Work placement	Not applicable		