



Subject card

Subject name and code	Psychological aspects of assessment and decision making, PG_00045306						
Field of study	Data Engineering						
Date of commencement of studies	October 2025		Academic year of realisation of subject		2026/2027		
Education level	first-cycle studies		Subject group		Optional subject group Humanistic-social subject group		
Mode of study	Full-time studies		Mode of delivery		at the university		
Year of study	2		Language of instruction		English		
Semester of study	4		ECTS credits		3.0		
Learning profile	general academic profile		Assessment form		assessment		
Conducting unit	Department Of Entrepreneurship -> Faculty Of Management And Economics -> Wydziały Politechniki Gdańskiej						
Name and surname of lecturer (lecturers)	Subject supervisor		dr Paweł Ziemiański				
	Teachers		dr Paweł Ziemiański				
Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	30.0	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		2.0		43.0	75
Subject objectives	<p>- To realize major psychological mechanisms that govern processes and outcomes of social cognition and assessment of people and situations.</p> <p>-To get acquainted with psychological aspects of decision making, including both rational, considerate processes and simplified, heuristic processes. -</p> <p>To realize how this processes operate in important aspects of human activities, including group decisions, financial decisions, decisions involving risks, decisions involving perception of time and other significant life choices.</p>						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	[K6_W07] analyzes business processes in an advanced way in the technical, legal, economic, financial and social context		The student analyzes the psychological aspects of assessment and decision-making in a business context		[SW2] Assessment of knowledge contained in presentation		
	[K6_K01] demonstrates awareness of legal, ethical and cultural diversity issues, making socially responsible decisions		The student demonstrates awareness of the psychological, ethical, and cultural aspects of decision-making, taking into account heuristics, deviations from rationality, cultural differences, and individual and group decision-making processes		[SK1] Assessment of group work skills [SK4] Assessment of communication skills, including language correctness		
	[K6_K02] makes competent and ethical decisions to create and maintain economic, social and environmental values		The student makes competent and ethical decisions, considering the psychological, ethical, and cultural conditions of the decision-making process.		[SK5] Assessment of ability to solve problems that arise in practice [SK4] Assessment of communication skills, including language correctness		
Subject contents	Heuristics and biases in decision making; Rational and optimal decisions; Cultural differences pertaining to decision making processes; Processes affecting group decision making; Financial decision making and the psychology of money; Individual differences in decision making and cognitive styles; Social cognition theoretical models: Assessment of individuals and social situations; Creative thinking and decision making; Facilitation of decision making processes						

Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Class participation and contribution	0.0%	30.0%
	Passing a half semester test	0.0%	30.0%
	Final project	0.0%	40.0%
Recommended reading	Basic literature	Kahneman, D. <i>Thinking, fast and slow</i> . Penguin Books 2012 Maruszewski, T. <i>Psychologia poznania</i> . GWP. 2016 Nisbett, R. <i>The Geography of Thought: How Asians and Westerners Think Differently...and why</i> . Free Press. 2003	
	Supplementary literature	Thaler, R.H., Sunstein, C. R. <i>Nudge</i> . Yale University Press 2008	
	eResources addresses	Adresy na platformie eNauczanie:	
	Example issues/ example questions/ tasks being completed	Describe the availability heuristic. How can it lead to accurate and how to wrong conclusions? Suggest a method that can limit the negative effects of human deviations from rationality on decisions.	
Work placement	Not applicable		

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