



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 2022		Academic year of realisation of subject		2023/2024		
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		mgr Aleksandra Szewczyk				
	Teachers		mgr Aleksandra Szewczyk				
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						
	eNauczanie source addresses: Moodle ID: 37959 Psychological aspects of assessment and decision making, PG_Aleksandra_Szewczyk-2023-24(E:37596CO) https://enauczanie.pg.edu.pl/moodle/course/view.php?id=37959						
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_U14] can apply knowledge from the field of humanities or social sciences to solve problems.	The student is aware of how the psychological heuristics affect decisions made by people and how they may lead to wrong conclusions. Due to this knowledge the stuent can reduce the risk of their negative effects.	[SU1] Assessment of task fulfilment
	[K6_W11] has knowledge of the role of man in social structures and the impact of their decisions on economic situation of business entities	The student is aware of how group processes influence decisions made by people. The student can indicate intercultural differences that govern the perception of reality and affect social and economic decisions.	[SW1] Assessment of factual knowledge
	[K6_K05] understands the need for self-improvement through systematic acquisition of knowledge and skills.	The student is aware of what his / her own cognitive style is and how it can affect his / her cognitive activities, including making decisions and evaluating. The student knows what mechanisms govern social cognition and is able to indicate the limitations of human rationality.	[SK1] Assessment of group work skills
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
	Final project	0.0%	40.0%
	Passing a half semester test	0.0%	30.0%
	Class participation and contribution	0.0%	30.0%
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	Basic https://enauczanie.pg.edu.pl/moodle/course/view.php?id=37959 - Psychological aspects of assessment and decision making, PG_Aleksandra_Szewczyk-2023-24(E:37596CO) - Moodle ID: 37959 https://enauczanie.pg.edu.pl/moodle/course/view.php?id=37959	
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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