

Subject card

Subject name and code	Behavioural economics. Psychology of decision making, PG_00093958						
Field of study	Logistics and Mobility						
Date of commencement of studies	October 2024		Academic year of realisation of subject		2025/2026		
Education level	Master's studies		Subject group				
Mode of study	full-time studies		Mode of delivery		at the university		
Year of study	2		Language of instruction		Polish		
Semester of study	4		ECTS credits		5.0		
Learning profile	academic		Assessment form		credit		
Conducting unit							
Name and surname of lecturer (lecturers)	Subject supervisor		prof. dr hab. Jacek Zaucha				
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	30.0	0.0	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		0.0		0.0	30
Subject objectives	The student has become familiar with and is able to practically use theoretical models and research results of behavioral economics for professional purposes.						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	[LMMU2_K04] is ready to think and act in an entrepreneurial manner; adapts to new situations and conditions; undertakes challenges of creative thinking; acquires resilience to failures; can assess risks and threats and find ways of counteracting their effects		Thanks to the knowledge of behavioral economics, the student is ready to think and act in an entrepreneurial way; adapts to new situations and conditions, takes on the challenges of creative thinking, acquires resistance to failure, is able to assess risks and threats and find ways to counteract their effects		[SK1] oral statement/conversation/discussion [SK2] presentation/project/paper/report		
	[LMMU2_W05] has an extended knowledge of the human being as a manufacturer and consumer and extended knowledge of the human being as a creator of culture and social structures		Thanks to the knowledge of behavioral economics, the student has extended knowledge about man as a producer and consumer, as well as extended knowledge about man as a creator of culture and social structures.		[SW1] oral statement/conversation/discussion [SW2] presentation/project/paper/report		
	[LMMU2_U13] can manage teamwork as well as interact and work in a team (including in an international environment) assuming a leading role in it		Thanks to the knowledge of behavioral economics, the student is able to manage the work of a team, cooperate and work in a team (including in an international environment), taking on a leading role in it		[SU1] oral statement/conversation/discussion [SU2] presentation/project/paper/report		

Subject contents	Course description: Module 1: Rational decision making • Decision making under conditions of risk and uncertainty, • Decision tree • Expected value, • Expected utility, • Petersburg paradox, • Case studies on practical use of the expected value. Module 2: Induction to the behavioural economics • Von Neuman and Morgenstern theory, • Bounded rationality , • Preferences and economic motives of people, • Role of leading motives, • Reduced rationality of human economic choices, • Reduced rationality or different levels of rationality? • Behavioural economics in relation to the main stream economics. Module 3: System 1 and System 2 • How do we take decisions, • Automatic decisions and intuition, • Effort required to take conscious decisions, depletion effect, • Priming effect, • Cognitive ease, • Looking for explanations- coherent stories and norms, • Halo effect, • WYSIATI, • Question substituting Module 4: Heuristics and fallacies • Affect heuristic, • Small numbers fallacy, • Availability heuristic , • Anchoring, • Representativeness heuristic, • Regression fallacy, • Framing, • Overconfidence and loss aversion: - Illusion of validity, - Planning fallacy, - Pervasive optimistic bias, • Sunk costs fallacy. Module 5: Prospect theory • A neutral reference point, - adaptation level , • A principle of diminishing sensitivity in the evaluation of changes of wealth, • Loss aversion versus risk seeking, • Bad versus good choices, • Certainty and possibility effect, • Non-linear weighting of probabilities: for instance Prelec's function, • Endowment effect . Module 6: Altruism • Reciprocal altruism, • Altruism versus cooperation, • Devotion as a part of altruistic behaviours, • Altruism as investment, • Gender and altruistic approach. Module 7: Experiments and praxis • Designing a behavioural experiment, • Discussing and finetuning the experiment concept, • Conducting the experiment, • Presentation of the research outcomes of the students' experiments and discussing them, • Workshop on behavioural public finance - discussion on the outcomes of the students' experiments.
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	The experiments preparation will be discussed with students also during office hours non		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Behavioural experiment	51.0%	20.0%
	Takin part in the workshops (level of engagement)	51.0%	80.0%
Recommended reading	Basic literature	Basic literature - DAN ARIELY, Predictably Irrational. Harper Collins Publishers 2008 - DANIEL KAHNEMAN, Thinking fast and slow. Macmillan 2001	
	Supplementary literature	Supplementary literature DAN ARIELY, The upside of irrationality, Harper Collins Publishers, 2010	
	eResources addresses		
Example issues/ example questions/ tasks being completed	Come up with a practical example how you will use in day to day economic relations (put your self in the hat of manager of a big supermarket, CEO of a big company or Head of marketing agency or as a prime minister of your government) the knowledge on: Ego-depletion, Priming effect, Cognitive ease Inclination to make coherent stories (a bias to believe) Hallo effect WYSIATI Question substituting If you need to discuss your ideas, I invite you to my office hours		
Work placement	Not applicable		

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