



Subject card

Subject name and code	SOCIOLOGY IN ENGINEERING ACTIVITIES, PG_00045920						
Field of study	Transport						
Date of commencement of studies	February 2023		Academic year of realisation of subject		2022/2023		
Education level	second-cycle studies		Subject group		Obligatory subject group in the field of study Humanistic-social subject group		
Mode of study	Full-time studies		Mode of delivery		at the university		
Year of study	1		Language of instruction		Polish		
Semester of study	1		ECTS credits		2.0		
Learning profile	general academic profile		Assessment form		assessment		
Conducting unit							
Name and surname of lecturer (lecturers)	Subject supervisor		mgr Jacek Mianowski				
	Teachers						
Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	20.0	10.0	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		5.0		15.0	50
Subject objectives	ability to design simple social research, connecting to civil engineering and transportation						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	[K7_U06] able to integrate knowledge of mathematics, physics, electronics, power engineering, traffic engineering, civil engineering of transport and other fields by applying a system based approach, including non-technology aspects (economics, psychology, sociology, environment, health and safety), able to define the effect these fields have on the development of transport systems, able to use new technical and technological achievements and assess their utility for transport		able to integrate knowledge civil engineering, transportation and sociology		[SU4] Assessment of ability to use methods and tools		
	[K7_W12] knows and understands basic terms and rules of industrial property protection and copyright law and the need to manage intellectual property resources		able to protection of industrial property, copyright, management of intellectual property		[SW1] Assessment of factual knowledge		
	[K7_K02] understands the need to formulate and communicate to the public information and opinions on the achievements of transport engineering; is aware of the importance of and understands non-technical aspects and consequences of engineering; takes steps to communicate such information and opinions in a comprehensible manner and present different points of view		student is aware validity of effects of engineering activities, responsibility of taken decisions		[SK5] Assessment of ability to solve problems that arise in practice		

Subject contents	Sociology and social surveys - methodology		
	Survey plans and stages		
	Survey methods in social research and their use		
	Population and sampling		
	Questionnaire questions, their functions, errors in question defining		
	Indexes and scales		
	Designing of tools for attitude surveys		
Prerequisites and co-requisites	-		
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	exercises	60.0%	100.0%
Recommended reading	Basic literature	-	
	Supplementary literature	-	
	eResources addresses	Adresy na platformie eNauczanie:	
Example issues/ example questions/ tasks being completed	-		
Work placement	Not applicable		