



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	<p>Sociology and social surveys - methodology</p> <p>Survey plans and stages</p> <p>Survey methods in social research and their use</p> <p>Population and sampling</p> <p>Questionnaire questions, their functions, errors in question defining</p> <p>Indexes and scales</p> <p>Designing of tools for attitude surveys</p>								
Prerequisites and co-requisites	-								
Assessment methods and criteria	<table border="1"> <thead> <tr> <th data-bbox="456 703 786 736">Subject passing criteria</th> <th data-bbox="799 703 1139 736">Passing threshold</th> <th data-bbox="1152 703 1482 736">Percentage of the final grade</th> </tr> </thead> <tbody> <tr> <td data-bbox="456 743 786 770">exercises</td> <td data-bbox="799 743 1139 770">60.0%</td> <td data-bbox="1152 743 1482 770">100.0%</td> </tr> </tbody> </table>	Subject passing criteria	Passing threshold	Percentage of the final grade	exercises	60.0%	100.0%		
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 eNauczenie:							
Example issues/ example questions/ tasks being completed	-								
Work placement	Not applicable								