



## Subject card

Subject name and code	, PG_00065233						
Field of study	Transport						
Date of commencement of studies	February 2024		Academic year of realisation of subject		2024/2025		
Education level	second-cycle studies		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	2		ECTS credits		2.0		
Learning profile	general academic profile		Assessment form		assessment		
Conducting unit	Department of Building Engineering -> Faculty of Civil and Environmental Engineering						
Name and surname of lecturer (lecturers)	Subject supervisor		dr inż. Marcin Szczepański				
	Teachers						
Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	15.0	15.0	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 aim of the course is to familiarize students with the key stages of the investment process in road construction, from the rights and obligations of process participants through project preparation to construction and commissioning of the facility. Students gain practical knowledge about the obligations of participants in the construction process, documentation and construction law provisions, as well as construction permits and procedures for obtaining them. In addition, the aim of the course is also to prepare for the safe performance of professional work in accordance with legal requirements and occupational health and safety rules, as well as to provide knowledge in the field of construction qualifications, design, construction management and running a company.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[K7_U02] presents logical and solid arguments regarding the obtained results, through analysis, synthesis of information in various technical contexts, critically approaching their interpretation	A student completing the course will be able to present logical and solid arguments concerning the obtained results by analyzing and synthesizing information in various technical contexts, while critically approaching their interpretation.	[SU1] Assessment of task fulfilment [SU3] Assessment of ability to use knowledge gained from the subject
	[K7_U05] cooperates with other people in the implementation of team work, both as a leader and a team member, effectively achieving set goals	The student is able to cooperate effectively in a team, both as a leader and as a team member, striving to effectively achieve the assumed project goals in the investment process.	[SU3] Assessment of ability to use knowledge gained from the subject [SU1] Assessment of task fulfilment
	[K7_K02] makes competent and ethical decisions, caring for the public interest and maintaining economic, social and environmental values	A student completing the course makes competent and ethical decisions, safeguarding the public interest and maintaining economic, social, and environmental values. They possess knowledge of the key stages of the investment process in road construction, from project preparation to the handover of the facility, including an understanding of construction law and health and safety regulations.	[SK3] Assessment of ability to organize work [SK1] Assessment of group work skills
	[K7_K01] recognizes the importance of knowledge related to the field of study in solving cognitive and practical problems	The student is able to use the knowledge acquired during the course to solve practical problems related to the investment process in construction, taking into account applicable standards and legal regulations. Moreover, he is able to apply the acquired methods and analysis tools in order to make informed decisions at the stage of investment planning and implementation.	[SK3] Assessment of ability to organize work [SK5] Assessment of ability to solve problems that arise in practice
[K7_W01] identifies in an in-depth way phenomena related to the field of study as well as theories describing them and possible methods of analyzing processes occurring in the life cycle of technical systems	identifies in-depth phenomena related to the investment process in construction, as well as theories and methods of analysis used in the life cycle of construction objects. Is able to apply these methods to assess key investment stages, taking into account formal, legal and technical requirements.	[SW1] Assessment of factual knowledge	
Subject contents	1. Introduction to the investment process in the field of road works. 2. Construction licenses3. Obligations of participants in the construction process4. Construction documentation: ZRID decision, permits, consents, arrangements.5. The process of implementing a road investment, including health and safety (preparation, documentation) As part of the project carried out by students, the following aspects will also be discussed during classes: Scope and form of the construction project BIOZ plan Development of the construction site Construction schedules Dependency Networks Bill of Quantities + cost estimate The drawing part of a construction project		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	project	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		

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