



Subject card

Subject name and code	, PG_00070538						
Field of study	Civil Engineering						
Date of commencement of studies	October 2022		Academic year of realisation of subject		2025/2026		
Education level	first-cycle studies		Subject group		Optional subject group		
Mode of study	Full-time studies		Mode of delivery		at the university		
Year of study	4		Language of instruction		Polish		
Semester of study	8		ECTS credits		2.0		
Learning profile	general academic profile		Assessment form		assessment		
Conducting unit	Department of Transportation Engineering -> Faculty of Civil and Environmental Engineering -> Faculties of Gdańsk University of Technology						
Name and surname of lecturer (lecturers)	Subject supervisor		dr inż. Marcin Stienss				
	Teachers		dr inż. Marcin Stienss				
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	0.0	0.0	0.0	30.0	30
	E-learning hours included: 0.0						
	eNauczanie source address: https://enauczanie.pg.edu.pl/2025/course/view.php?id=5235						
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 develops a solution concept for a defined engineering thesis topic, based on knowledge acquired during their studies. They present individual chapters of the thesis in a presentation to the entire group. During this presentation, they discuss individual elements and answer questions from other students and the seminar instructor. The final element of the thesis will be the consideration of any comments from the instructor or students.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[K6_U05] Conducts research (obtaining information, simulations, experimental methods) in the field of construction in order to solve specific tasks and report research results.	After completing the course, the student has the ability to prepare an engineering thesis, using appropriate tools and, if necessary (if the nature of the engineering thesis requires it), conducting literature studies and research related to the subject of his/her thesis.	[SU1] Assessment of task fulfilment [SU2] Assessment of ability to analyse information [SU4] Assessment of ability to use methods and tools [SU5] Assessment of ability to present the results of task
	[K6_W03] Demonstrate knowledge and understanding of the processes, established standards and design methods in the civil engineering subject area and of their limitations.	After completing the course, the student has the ability to navigate within the sphere of processes and established standards and design methods when solving specific engineering problems.	[SW2] Assessment of knowledge contained in presentation
	[K6_K03] Can effectively, clearly and unambiguously convey information, describe activities and communicate their results/ outcomes to engineers or a wider audience using appropriate communication methods and tools.	After completing the course, the student is able to present his/her solutions, literature reviews, calculations and conclusions in a clear and understandable way.	[SK4] Assessment of communication skills, including language correctness
	[K6_K01] Is aware of the key aspects of professional, ethical and social responsibility related to management, business operation, decision making and opinion formulation in civil engineering.	After completing the course, the student is aware of the professional, ethical and social responsibilities associated with civil engineering.	[SK4] Assessment of communication skills, including language correctness
	[K6_K04] Engages in independent lifelong learning and individually follows the development of science and technology in the field of civil engineering.	After completing the course, the student is aware of the need for continuous professional development.	[SK4] Assessment of communication skills, including language correctness [SK3] Assessment of ability to organize work
Subject contents	Course content – seminar Prepared presentations on the progress of the thesis including, but not limited to: literature studies, thesis and objectives, research field, analysis of the existing state, solution of the accepted research question, and evaluation and conclusions of the thesis.		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Presentations, discussions	80.0%	100.0%
Recommended reading	Basic literature	Research reports, conference materials, technical and scientific journals, books, and the Internet related to the thesis topic.	
	Supplementary literature	Relative to the issue, the need to use English-language literature.	
	eResources addresses		
Example issues/ example questions/ tasks being completed	Not applicable.		
Practical activities within the subject	Not applicable		

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