



Subject card

Subject name and code	Thesis Seminar , PG_00044666						
Field of study	Seminarium dyplomowe (IT)						
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	7		ECTS credits		5.0		
Learning profile	general academic profile		Assessment form		assessment		
Conducting unit	Department of Transportation Engineering -> Faculty of Civil and Environmental Engineering -> Wydział Politechniki Gdańskiej						
Name and surname of lecturer (lecturers)	Subject supervisor		prof. dr hab. inż. Eligiusz Mieloszyk				
	Teachers						
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						
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		15.0		80.0	125
Subject objectives	The aim of the course is to deepen knowledge on the issues of transport based on the literature and in relation to your work diploma.						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	[K6_K01] able to think and act creatively and enterprisingly; able to define priorities to support the delivery of an individual or group task; understands the need for continuous education and taking responsibility as a professional for their work and the work of the team		The student understands the need for lifelong learning; can inspire and organize the learning process and others.		[SK4] Ocena umiejętności komunikacji, w tym poprawności językowej [SK1] Ocena umiejętności pracy w grupie		
	[K6_U01] able to use technical documentation and literature, databases and other sources of transport related information; able to interpret information, make logical links and formulate opinions and conclusions based on the above		The student is able to use the technical documentation, technical literature, databases, and other sources of information in the field of transport, in Polish and foreign languages.		[SU3] Ocena umiejętności wykorzystania wiedzy uzyskanej w ramach przedmiotu [SU2] Ocena umiejętności analizy informacji [SU5] Ocena umiejętności zaprezentowania wyników realizacji zadania		
	[K6_U04] able to use transport terms properly and speak about a problem using modern audiovisual techniques		The student can correctly use the terms related to transport and clearly comment on the topic of using modern audio-visual techniques.		[SU5] Ocena umiejętności zaprezentowania wyników realizacji zadania		
	[K6_U03] able to document a self-elaborated transport problem and present it in Polish and a foreign language, draft and read construction drawings		The student is able to document and present developed by ourselves the problem of transport.		[SU5] Ocena umiejętności zaprezentowania wyników realizacji zadania [SU2] Ocena umiejętności analizy informacji [SU3] Ocena umiejętności wykorzystania wiedzy uzyskanej w ramach przedmiotu		
Subject contents	Course content – seminar Thematic scope of papers is very wide and follows its own initiative students. Examples of students on the following topics: 1) Characteristics of high-speed rail line (Japan, Germany, France and Italy - and other European countries, including Poland); 2) Construction of the ballastless track structure used in European and Japanese railways; 3) Fastening systems used in Europe; 4) Modern construction of the classic turnouts (in terms of the materials used), and of the turnouts with movable frog; 5) Modern tram track structure used in Poland and in Europe; 6) Diagnostic instruments. New types of rail damages. New catalogue of damages.						

Prerequisites and co-requisites	Not required.		
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Presentation	60.0%	40.0%
	Performance of the paper	60.0%	60.0%
Recommended reading	Basic literature	1. The articles and conference papers regarding the subject matter of transport. 2. The materials available on the Internet. 3. The materials delivered by lecturer.	
	Supplementary literature	Not required.	
	eResources addresses		
Example issues/ example questions/ tasks being completed	Thematic scope of papers is very wide and follows its own initiative students.		
Practical activities within the subject	Not applicable		

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