



## Subject card

Subject name and code	Thesis Seminar , PG_00044666						
Field of study	Transport						
Date of commencement of studies	October 2020	Academic year of realisation of subject			2023/2024		
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						
Name and surname of lecturer (lecturers)	Subject supervisor	prof. dr hab. inż. Eligiusz Mieloszyk					
	Teachers	prof. dr hab. inż. Eligiusz Mieloszyk					
Lesson types and methods of instruction	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_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] Assessment of ability to present the results of task		
	[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] Assessment of ability to present the results of task [SU2] Assessment of ability to analyse information [SU3] Assessment of ability to use knowledge gained from the subject		
	[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.			[SK1] Assessment of group work skills [SK4] Assessment of communication skills, including language correctness		
	[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] Assessment of ability to use knowledge gained from the subject [SU2] Assessment of ability to analyse information [SU5] Assessment of ability to present the results of task		
Subject contents	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	Adresy na platformie eNauczenie:	
Example issues/ example questions/ tasks being completed	Thematic scope of papers is very wide and follows its own initiative students.		
Work placement	Not applicable		