GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	Thesis seminar, PG_00059879		
Field of study	Civil Engineering		
Date of commencement of studies	February 2025	Academic year of realisation of subject	2025/2026
Education level	second-cycle studies	Subject group	Optional subject group
Mode of study	Full-time studies	Mode of delivery	at the university
Year of study	2	Language of instruction	Polish
Semester of study	3	ECTS credits	3.0
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 hab. inż. Piotr Jaskuła	
	Teachers	dr hab. inż. Piotr Jaskuła dr inż. Joanna Wachnicka	

Lesson types							
	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	0.0	0.0	0.0	45.0	45
	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	45	5.0	25.0	75

Subject objectives	
	The student develops concepts for solving the defined topic of the thesis, based on the knowledge acquired during the study. He presents the individual chapters of the thesis during a presentation in front of the whole group. During it, he discusses individual elements and answers questions, issues by other students. The final element of the work will be the possible consideration of the comments of the instructor or students.

<table>
<tr><td>Learning outcomes</td><td>
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<tr><th>Course outcome</th><th>Subject outcome</th><th>Method of verification</th></tr>
<tr><td>[K7_K01] is aware of necessity of professional competences improvement; obeys the professional ethics code</td><td>Students are able to assess the need for
improve their skills
during the learning process on Master's degree program (second degree).</td><td>[SK3] Assessment of ability to organize work
[SK5] Assessment of ability to solve problems that arise in practice</td></tr>
<tr><td>[K7_W15] has deep and adequate knowlege of civil engineering, within offered specialization and profile</td><td>During the preparation of the thesis applies
knowledge to solve
research issue
included in the topic of the thesis related to issues of
transport issues from the field of Civil Engineering, Geodesy and Transportation.</td><td>[SW2] Assessment of knowledge contained in presentation
[SW3] Assessment of knowledge contained in written work and projects</td></tr>
<tr><td>[K7_U15] has advanced skills in civil engineering within offered specialization/profile</td><td>The student has the ability to
to implement the research process from
transporot issues: analysis of literature study, definition of thesis and
objectives of the work, analysis of the research area
research, analysis, evaluation and verification of research results included in the thesis</td><td>[SU1] Assessment of task fulfilment
[SU2] Assessment of ability to analyse information
[SU5] Assessment of ability to present the results of task
[SU4] Assessment of ability to use methods and tools</td></tr>
<tr><td>[K7_K04] understands the necessity of dissemination civil engineering knowlege in the society and to suport the proffesional ethos of a civil engineer</td><td>The student is able to determine the necessity of the solution
adopted within the framework of the work
research issue and
demonstrate the need to transfer knowledge and use it to
problem solving for
society as a whole.</td><td>[SK5] Assessment of ability to solve problems that arise in practice
[SK4] Assessment of communication skills, including language correctness</td></tr>
<tr><td>[K7_K02] Rocognizes the significance of knowledge in solving cognitive and practical problems; reliably evaluates results of his own and team research</td><td>The student, using knowledge from literature study, a case study
case study describing
analyzed within the framework of the work
issue analyzed within the work can
Present its relevance in
solving transportation issues transportation. Can
present the results of its
analyses that confirm the accepted theses of the work.</td><td>[SK2] Assessment of progress of work
[SK5] Assessment of ability to solve problems that arise in practice</td></tr>
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<tr><td>Subject contents</td><td>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.</td></tr>
<tr><td>Prerequisites and co-requisites</td><td></td></tr>
<tr><td>Assessment methods and criteria</td><td>
<table>
<tr><th>Subject passing criteria</th><th>Passing threshold</th><th>Percentage of the final grade</th></tr>
<tr><td>Presentations, discussions</td><td>80.0%</td><td>100.0%</td></tr>
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<tr><td>Recommended reading</td><td>
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<tr><td>Basic literature</td><td>Research reports, conference materials, technical and scientific journals, books, and the Internet related to the thesis topic.</td></tr>
<tr><td>Supplementary literature</td><td>Relative to the issue, the need to use English-language literature.</td></tr>
<tr><td>eResources addresses</td><td></td></tr>
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<tr><td>Example issues/ example questions/ tasks being completed</td><td>Not applicable.</td></tr>
<tr><td>Practical activites within the subject</td><td>Not applicable</td></tr>
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