GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	Diploma/Final Dissertation, PG_00058959		
Field of study	Environmental Engineering		
Date of commencement of studies	October 2023	Academic year of realisation of subject	2026/2027
Education level	first-cycle studies	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	20.0
Learning profile	general academic profile	Assessment form	assessment
Conducting unit	Department of Geotechnical and Hydraulic Engineering -> Faculty of Civil and Environmental Engineering -> Faculties of Gdańsk University of Technology		
Name and surname of lecturer (lecturers)	Subject supervisor	dr hab. inż. Katarzyna Weinerowska-Bords	
	Teachers		

Lesson types

Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
Number of study hours	0.0	0.0	0.0	0.0	0.0	0

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	0	10.0	495.0	505

Subject objectives

Creation of an engineering diploma thesis

Learning outcomes

Course outcome	Subject outcome	Method of verification
[K6_U03] can prepare documentation regarding the implementation of an engineering task/project and prepare a text or presentation including a discussion of the results of the implementation	Students can present the results of their analyses, choosing the appropriate format—table/graph/ figure/description. Students can interpret the obtained results, describe them, and draw conclusions.	[SU5] Assessment of ability to present the results of task
[K6_W17] has a structured and in-depth knowledge of environmental engineering as part of the diploma profiles offered	The student has mastered the material from the subjects covered by the field of study and is able to use this knowledge to perform the tasks included in the scope of the diploma thesis.	[SW3] Assessment of knowledge contained in written work and projects
[K6_U01] has the ability to self-education, can obtain information from literature, databases and other sources, uses information technology, Internet resources; can integrate the obtained information, make their interpretation, as well as draw conclusions and formulate and justify opinions	The student is able to select source literature, critically evaluate materials, select the necessary information and synthesize and analyze it in relation to the needs arising from the topic of the diploma thesis.	[SU2] Assessment of ability to analyse information [SU1] Assessment of task fulfilment
[K6_U16] can, when formulating and solving engineering tasks in environmental engineering, evaluate, select and apply appropriate methods and tools, recognize their non-technical aspects, including environmental, economic and legal aspects	The student selects appropriate analysis methods, including computational methods, for the problem under consideration. The student is able to apply the necessary formulas, methods, and procedures to conduct the required analyses	[SU1] Assessment of task fulfilment [SU4] Assessment of ability to use methods and tools [SU2] Assessment of ability to analyse information

Subject contents

Prerequisites and co-requisites

<table>
<tr><td>Assessment methods and criteria</td><td colspan="3"><table><tr><th>Subject passing criteria</th><th>Passing threshold</th><th>Percentage of the final grade</th></tr><tr><td>Evaluation of the diploma thesis according to the review criteria</td><td>60.0%</td><td>100.0%</td></tr></table></td></tr>
<tr><td rowspan="3">Recommended reading</td><td>Basic literature</td><td colspan="2">The list of bibliography depends on the topic of the diploma thesis and is given individually to each diploma student.</td></tr>
<tr><td>Supplementary literature</td><td colspan="2">The list of bibliography depends on the topic of the diploma thesis and is given individually to each diploma student.</td></tr>
<tr><td>eResources addresses</td><td colspan="2"></td></tr>
<tr><td>Example issues/ example questions/ tasks being completed</td><td colspan="3">Conceptual design of rain gardens in a selected area.
Hydrological analysis of the catchment area of a selected urban collector.
Environmental aspects of contemporary pro-ecological architecture (review)</td></tr>
<tr><td>Practical activites within the subject</td><td colspan="3">Not applicable</td></tr>
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