



Subject card

Subject name and code	Diploma seminar, PG_00059160						
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				4.0	
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	45.0	45
	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	45		6.0		50.0	101
Subject objectives	Preparation for the diploma examination - revision of the material from the perspective of the entire study (looking for relationships, contexts and applications). Deepening the selected topic. Preparation for writing a thesis. Presentation of own diploma theses.						
Learning outcomes	Course outcome	Subject outcome			Method of verification		
	[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	Preparation and presentation of the diploma thesis.			[SU5] Assessment of ability to present the results of task [SU3] Assessment of ability to use knowledge gained from the subject [SU2] Assessment of ability to analyse information		
	[K6_K01] can think and act in a creative and enterprising way; can set priorities for the implementation of an individual or group task; understands the need for continuous training and professional responsibility for their activities and team	Preparation and presentation of the diploma thesis.			[SK2] Assessment of progress of work [SK5] Assessment of ability to solve problems that arise in practice [SK3] Assessment of ability to organize work		
	[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	Preparation and presentation of the diploma thesis.			[SU5] Assessment of ability to present the results of task [SU1] Assessment of task fulfilment		
	[K6_W17] has a structured and in-depth knowledge of environmental engineering as part of the diploma profiles offered	The student is able to prepare a short and concise statement on a given (previously known) topic in the field of environmental engineering, notices the connections between issues from different subjects and is able to conduct a discussion within the analyzed issue.			[SW1] Assessment of factual knowledge		

Subject contents	<p>Course content – seminar General rules for the preparation of the diploma thesis. Motivation, proactivity, goal setting, time management. Critical analysis of information. Methods of documentation of bibliographic sources.</p> <p>Repetition of the material from hydraulics (e.g. flow categories, hydraulic bases of flows under pressure, in open channels and filtration flows, holes and overflows), hydrology (e.g. basic processes of water circulation, factors conditioning surface runoff, precipitation formation, controlled and uncontrolled catchments, determination of drainage from catchments), water management (e.g. floods and droughts). Relationships of basic subjects with specialist subjects. The role of hydrology and hydraulics in environmental engineering. Searching for relationships, contexts and applications.</p>											
Prerequisites and co-requisites	Credited classes from previous semesters											
Assessment methods and criteria	<table border="1" data-bbox="448 465 1487 595"> <thead> <tr> <th data-bbox="448 465 798 499">Subject passing criteria</th> <th data-bbox="801 465 1141 499">Passing threshold</th> <th data-bbox="1144 465 1487 499">Percentage of the final grade</th> </tr> </thead> <tbody> <tr> <td data-bbox="448 504 798 555">preparation and delivery of a presentation</td> <td data-bbox="801 504 1141 555">60.0%</td> <td data-bbox="1144 504 1487 555">30.0%</td> </tr> <tr> <td data-bbox="448 560 798 595">Active participation in classes</td> <td data-bbox="801 560 1141 595">80.0%</td> <td data-bbox="1144 560 1487 595">70.0%</td> </tr> </tbody> </table>			Subject passing criteria	Passing threshold	Percentage of the final grade	preparation and delivery of a presentation	60.0%	30.0%	Active participation in classes	80.0%	70.0%
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preparation and delivery of a presentation	60.0%	30.0%										
Active participation in classes	80.0%	70.0%										
Recommended reading	Basic literature	Books, articles and studies published in magazines and conference materials related to the topic of the diploma thesis.										
	Supplementary literature	Textbooks and scripts for subjects carried out during studies										
	eResources addresses											
Example issues/ example questions/ tasks being completed	<p>Analysis of factors influencing the flow resistance. Evaluation of the estimation of the amount of sewage discharged to the treatment plant. Review of basic information on flow classification</p>											
Practical activities within the subject	Not applicable											

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