GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	, PG_00070538		
Field of study	Civil Engineering		
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	8	ECTS credits	2.0
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. Waldemar Magda	
	Teachers	dr inż. Witold Sterpejkowicz-Wersocki	

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

eNauczanie source address: https://enauczanie.pg.edu.pl/moodle/course/view.php?id=14882

Moodle ID: 14882 Seminarium dyplomowe BWiM - inżynierskie https://enauczanie.pg.edu.pl/moodle/course/view.php?id=14882

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	0.0	0.0	30

Subject objectives

Preparation for the thesis, discussion of the developed issues, presentation of the achieved results, acquiring the ability to discuss and defend one's own theses

Learning outcomes

Course outcome	Subject outcome	Method of verification
[K6_K04] Engages in independent lifelong learning and individually follows the development of science and technology in the field of civil engineering.	Student is committed to independent lifelong learning and independently follows the development of science and technology in the area of the hydro and marine civil engineering.	[SK2] Assessment of progress of work
[K6_K03] Can effectively, clearly and unambiguously convey information, describe activities and communicate their results/ outcomes to engineers or a wider audience using appropriate communication methods and tools.	A student can effectively, clearly and unambiguously convey information, describe activities and communicate their results to engineers or a wider audience using appropriate communication methods and tools.	[SK4] Assessment of communication skills, including language correctness
[K6_K01] Is aware of the key aspects of professional, ethical and social responsibility related to management, business operation, decision making and opinion formulation in civil engineering.	A student is aware of the key aspects of professional, ethical and social responsibility related to management, business, decision-making and opinion formation in the hydro and marine civil engineering.	[SK2] Assessment of progress of work
[K6_U05] Conducts research (obtaining information, simulations, experimental methods) in the field of construction in order to solve specific tasks and report research results.	A student conducts research (obtains information) in the field of water and marine construction in order to solve specific tasks and report research results.	[SU2] Assessment of ability to analyse information [SU1] Assessment of task fulfilment
[K6_W03] Demonstrate knowledge and understanding of the processes, established standards and design methods in the civil engineering subject area and of their limitations.	A student demonstrates knowledge and understanding of processes and established standards and design methods in the field of the hydro and marine civil engineering and is aware of their limitations.	[SW1] Assessment of factual knowledge

Subject contents

Course content – seminar
The information on the form and contents of the thesis, the choice of the literature and sources is presented.

The presentation of realised and at current works delivered by by invited guests from designing departments, contractors and scientific workers.

The performance of chosen current problems of the hydro and marine civil engineering.

Every student performs the monographic elaboration on the chosen theme from the range of the profile of certificating on the basis of domestic and foreign literature and perform the multimedial presentation containing
the theses and the accepted methodology of its realisation.

Prerequisites and co-requisites

Students taking part in the seminar have:
- selected topics of diploma theses and established supervisors,
- completed subjects covered by the study program up to and including semester 6 (completion of the "Budownictwo wodne i morskie" course).

Assessment methods and criteria

Subject passing criteria	Passing threshold	Percentage of the final grade
thematic essay (multimedia)	60.0%	50.0%
presentation (multimedia)	60.0%	50.0%

Recommended reading

Basic literature	1. Selected scientific works and developments of the Gdańsk University of Technology, Institute of Hydro-Engineering of Polish Academy of Sciences, and Maritime Institute. National and international magazines and manuals from the scope of the construction and water engineering3. Source materials on specific topics, available in the Archives of the Maritime Authorities and the District Water Boards, Marshall's Offices4. Business information specialist5. Thematic websites
Supplementary literature	none
eResources addresses	

Example issues/ example questions/ tasks being completed

none

Practical activites within the subject	Not applicable

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