GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	, PG_00061744		
Field of study	Environmental Engineering		
Date of commencement of studies	October 2024	Academic year of realisation of subject	2025/2026
Education level	second-cycle studies	Subject group	Optional subject group
Mode of study	Part-time studies	Mode of delivery	at the university
Year of study	2	Language of instruction	Polish
Semester of study	4	ECTS credits	2.0
Learning profile	general academic profile	Assessment form	assessment
Conducting unit	Department of Sanitary Engineering -> Faculty of Civil and Environmental Engineering -> Faculties of Gdańsk University of Technology		
Name and surname of lecturer (lecturers)	Subject supervisor	dr hab. inż. Sylwia Fudala-Książek	
	Teachers		

Lesson types

Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
Number of study hours	0.0	0.0	0.0	0.0	20.0	20

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	20	3.0	29.0	52

Subject objectives

The aim of the course is for the student to acquire the ability to concisely present the work done and the results achieved, as well as to publicly discuss and defend the theses and proposed solutions. To achieve the ability to communicate the developed content, to defend and clarify the assumptions and methodology of the thesis. The student extends the acquired knowledge on selected topics from the activities of the environmental engineering industry including current design and implementation activities.

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<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_K02] understands the need to formulate and communicate to the public information and opinions on the achievements in the environmental engineering and other aspects of the engineering activity in the sanitary sector; is aware of the importance and understands non-technical aspects and effects of engineering activities; strives to convey such information and opinions in a universally understandable manner, presenting various points of view</td><td>The student formulates conclusions and describes the results of his/her own and the team's work and is able to communicate them to the public in the field of environmental engineering and other aspects of the activity. The student has an understanding of the importance of non-technical aspects and consequences of engineering activities.</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_K01] can think and act in a creative, enterprising way; can determine priorities for individual or group tasks; understands the need for permanent learning and professional responsibility for the activities of both himself and the team</td><td>The student is able to think and act in a creative and entrepreneurial manner. Has the ability to present prepared speeches. Is familiar with modern solutions applied in environmental engineering.</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_U02</td><td>Students are able to work independently, collaborate and lead a team on specific tasks.</td><td>[SU3] Assessment of ability to use knowledge gained from the subject</td></tr>
<tr><td>K7_U04</td><td>The student prepares a presentation on the topic of his/her thesis or on any selected topic related to the field of environmental engineering. He/ she has the ability to lead a discussion on the topic presented as part of the presentation.</td><td>[SU1] Assessment of task fulfilment</td></tr>
<tr><td>[K7_W10] has knowledge of the protection and management of intellectual, industrial and copyright resources</td><td>The student understands intellectual property and copyright protection laws. The student is skilled in using databases and information located on patent platforms.</td><td>[SW2] Assessment of knowledge contained in presentation</td></tr>
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<tr><td>Subject contents</td><td>Course content – seminar
To introduce the principles of the execution and writing of master's theses. To introduce Students to soft skills in management, negotiation and interviewing. To present opportunities for self-education/development. Presenting papers on a chosen topic and related to the thesis. Discussion of the issues.</td></tr>
<tr><td>Prerequisites and co-requisites</td><td>Knowledge acquired in the field of Environmental Engineering in the two degrees of directional studie</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>Preparation and delivery of presentations</td><td>60.0%</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>1.Wasylczyk Piotr: Prezentacje naukowe. Praktyczny poradnik dla studentów, doktorantów i nie tylko. 2017 Wydawnictwo Naukowe PWN

2. Literature in line with the thesis topic.</td></tr>
<tr><td>Supplementary literature</td><td>Not required</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>1. preparation of multimedia presentation 2. innovative technologies in environmental engineering 3. selfpresentation. 4. planning of research 5. presentation of research results and discussion 6. self-learning opportunities, building powers etc.</td></tr>
<tr><td>Practical activites within the subject</td><td>Not applicable</td></tr>
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