



## Subject card

Subject name and code	Diploma seminar, PG_00059962						
Field of study	Environmental Engineering						
Date of commencement of studies	February 2023	Academic year of realisation of subject			2023/2024		
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			2.0		
Learning profile	general academic profile	Assessment form			assessment		
Conducting unit	Department of Sanitary Engineering -> Faculty of Civil and Environmental Engineering						
Name and surname of lecturer (lecturers)	Subject supervisor	dr hab. inż. Sylwia Fudala-Książek					
	Teachers						
Lesson types and methods of instruction	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						
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		5.0		20.0	55
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.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	K7_U02	Students are able to work independently, collaborate and lead a team on specific tasks.	[SU3] Assessment of ability to use knowledge gained from the subject [SU1] Assessment of task fulfilment
	[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	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.	[SK4] Assessment of communication skills, including language correctness [SK5] Assessment of ability to solve problems that arise in practice
	[K7_W10] has knowledge of the protection and management of intellectual, industrial and copyright resources	The student understands intellectual property and copyright protection laws. The student is skilled in using databases and information located on patent platforms.	[SW1] Assessment of factual knowledge [SW3] Assessment of knowledge contained in written work and projects
	[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	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.	[SK1] Assessment of group work skills [SK3] Assessment of ability to organize work [SK4] Assessment of communication skills, including language correctness
K7_U04	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.	[SU5] Assessment of ability to present the results of task [SU1] Assessment of task fulfilment	
Subject contents	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.		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Preparation and delivery of presentations	60.0%	100.0%
Recommended reading	Basic literature	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.	
	Supplementary literature	N/A	
	eResources addresses	Adresy na platformie eNauczanie: Seminarium dyplomowe_MGR_ST_sem_III - Nowy - Nowy - Moodle ID: 19969 <a href="https://nauczanie.pg.edu.pl/moodle/course/view.php?id=19969">https://nauczanie.pg.edu.pl/moodle/course/view.php?id=19969</a>	
Example issues/ example questions/ tasks being completed	1. preparation of multimedia presentation 2. innovative technologies in environmental engineering 3. self-presentation. 4. planning of research 5. presentation of research results and discussion 6. self-learning opportunities, building powers etc.		
Work placement	Not applicable		