



## Subject card

Subject name and code	Diploma seminar, PG_00043659						
Field of study	Environmental Engineering						
Date of commencement of studies	October 2020	Academic year of realisation of subject			2023/2024		
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 Environmental Engineering Technology -> Faculty of Civil and Environmental Engineering						
Name and surname of lecturer (lecturers)	Subject supervisor	dr hab. inż. Krzysztof Czerwionka					
	Teachers	dr hab. inż. Krzysztof Czerwionka dr hab. Katarzyna Jankowska					
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	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	5.0		50.0	100	
Subject objectives	Student:  1. acquire the ability to briefly present the work done and the results achieved, as well as to discuss and defend the theses and proposed solutions in public.  2. communicates the developed contents, defends and specifies the assumptions and methodology of the thesis and the thesis.  3. broadens the acquired knowledge on selected topics from the environmental engineering industry, including current design and implementation activities.  4. acquires the ability of soft comeptitude related to selfpresentationTranslated with www.DeepL.com/Translator (free version)						

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	Preparation and presentation of the diploma thesis.	[SU5] Assessment of ability to present the results of task [SU1] Assessment of task fulfilment
	[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_K02] understands the need to formulate and communicate to the public information and opinions on the achievements of environmental engineering and other aspects of the sanitary industry engineer's activity; is aware of the importance and understands the non-technical aspects and effects of engineering activities; makes efforts to provide such information and opinions in a widely understandable way, presenting different points of view	Preparation and presentation of the diploma thesis.	[SK5] Assessment of ability to solve problems that arise in practice [SK4] Assessment of communication skills, including language correctness
[K6_W18] has a structured and in-depth knowledge of environmental engineering as part of the diploma profiles offered	Preparation and presentation of the diploma thesis. Ability to answer exam questions. The ability to undertake discussions on topics related to the scope of studies.	[SW2] Assessment of knowledge contained in presentation [SW1] Assessment of factual knowledge	
Subject contents	Presenting papers on a selected topic and related to the thesis. Discussion of these issues.		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Thematic presentation on a selected topic or thesis	65.0%	100.0%
Recommended reading	Basic literature	In line with the subject of the thesis.	
	Supplementary literature	j.w.	
	eResources addresses	Adresy na platformie eNauczenie: Seminarium dyplomowe TwiŚ - 2023/24 - Moodle ID: 34459 <a href="https://enauczenie.pg.edu.pl/moodle/course/view.php?id=34459">https://enauczenie.pg.edu.pl/moodle/course/view.php?id=34459</a>	

Example issues/ example questions/ tasks being completed	<ol style="list-style-type: none"><li>1. Disasters in environmental engineering.</li><li>2. Innovative technologies in environmental engineering.</li><li>3. Self-presentation.</li><li>4. Planning of research.</li><li>5. Presentation of research results and discussion.</li></ol>
Work placement	Not applicable