



Subject card

Subject name and code	EARTHWORKS AND EARTH STRUCTURES, PG_00042256						
Field of study	Civil Engineering						
Date of commencement of studies	February 2024	Academic year of realisation of subject			2024/2025		
Education level	second-cycle studies	Subject group			Optional subject group Subject group related to scientific research in the field of study		
Mode of study	Full-time studies	Mode of delivery			at the university		
Year of study	1	Language of instruction			Polish		
Semester of study	2	ECTS credits			3.0		
Learning profile	general academic profile	Assessment form			assessment		
Conducting unit	Department of Geotechnics, Geology and Marine Civil Engineering -> Faculty of Civil and Environmental Engineering						
Name and surname of lecturer (lecturers)	Subject supervisor	dr inż. Mariusz Wyroślak					
	Teachers						
Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	15.0	0.0	0.0	30.0	0.0	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	4.0	26.0	75		
Subject objectives	nie dotyczy.						
Learning outcomes	Course outcome	Subject outcome			Method of verification		
	[K7_W12] has deep and theoretical firm knowledge about geotechnical investigation, the rules of geotechnical design and engineering geology; knows the complicated processes in soil, techniques of foundations, draining systems, soil strengthening, geosynthetics applications, underground constructions and earthworks	nie dotyczy			[SW1] Assessment of factual knowledge		
	[K7_K01] is aware of necessity of professional competences improvement; obeys the professional ethics code	nie dotyczy			[SK5] Assessment of ability to solve problems that arise in practice		
	[K7_U14] is able to plan and to interpret the geotechnical investigations, to analyse the foundation stability; can design direct and deep foundations in complex soil conditions for complicated statical and dynamical loads	nie dotyczy			[SU2] Assessment of ability to analyse information		
	[K7_W14] knows and applies building codes and obeys the Construction Law; has knowledge on environmental impact of investment realisation	nie dotyczy			[SW1] Assessment of factual knowledge		
Subject contents	nie dotyczy						
Prerequisites and co-requisites	nie dotyczy						

Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	nie dotyczy	50.0%	50.0%
	nie dotyczy	50.0%	50.0%
Recommended reading	Basic literature	nie dotyczy	
	Supplementary literature	nie dotyczy	
	eResources addresses	Adresy na platformie eNauczenie: Budowle i roboty ziemne 2024/25 - Moodle ID: 30754 <a href="https://enauczenie.pg.edu.pl/moodle/course/view.php?id=30754">https://enauczenie.pg.edu.pl/moodle/course/view.php?id=30754</a>	
Example issues/ example questions/ tasks being completed	nie dotyczy		
Work placement	Not applicable		

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