



## Subject card

Subject name and code	EARTHWORKS AND EARTH STRUCTURES, PG_00042256						
Field of study	Civil Engineering						
Date of commencement of studies	February 2025		Academic year of realisation of subject			2025/2026	
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_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		
	[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 static and dynamical loads	nie dotyczy			[SU2] Assessment of ability to analyse information		
	[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_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			
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:	
Example issues/ example questions/ tasks being completed	nie dotyczy		
Work placement	Not applicable		

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