



## Subject card

Subject name and code	Urban and industrial engineering, PG_00044852						
Field of study	Geodesy and Cartography						
Date of commencement of studies	October 2020	Academic year of realisation of subject			2022/2023		
Education level	first-cycle studies	Subject group			Optional subject group		
Mode of study	Full-time studies	Mode of delivery			at the university		
Year of study	3	Language of instruction			Polish		
Semester of study	6	ECTS credits			6.0		
Learning profile	general academic profile	Assessment form			assessment		
Conducting unit	Department of Engineering Structures -> Faculty of Civil and Environmental Engineering						
Name and surname of lecturer (lecturers)	Subject supervisor	dr hab. inż. Michał Nitka					
	Teachers	dr hab. inż. Michał Nitka dr inż. Adam Kristowski dr inż. Beata Grzyl					
Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	45.0	30.0	0.0	0.0	0.0	75
	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	75	9.0		66.0		150
Subject objectives	.						
Learning outcomes	Course outcome	Subject outcome			Method of verification		
	[K6_W10] has elementary knowledge and understands the concepts of architecture and urban planning, construction, environmental engineering and transport necessary to carry out studies related to planning and investment service	.			[SW2] Assessment of knowledge contained in presentation [SW3] Assessment of knowledge contained in written work and projects		
	[K6_U02] can make basic geodetic drawings and read an architectural technical drawing	.			[SU2] Assessment of ability to analyse information [SU5] Assessment of ability to present the results of task [SU4] Assessment of ability to use methods and tools		
Subject contents	.						
Prerequisites and co-requisites	.						
Assessment methods and criteria	Subject passing criteria	Passing threshold			Percentage of the final grade		
	.	60.0%			50.0%		
	.	60.0%			50.0%		
Recommended reading	Basic literature	.					
	Supplementary literature	.					
	eResources addresses	Adresy na platformie eNauczanie: Inżynieria miejska i przemysłowa - Moodle ID: 29326 <a href="https://enauczanie.pg.edu.pl/moodle/course/view.php?id=29326">https://enauczanie.pg.edu.pl/moodle/course/view.php?id=29326</a>					

Example issues/ example questions/ tasks being completed	Wykonanie rysunków architektoniczno-budowlanych  Wykonanie obliczeń statyczno-wytrzymałościowych wybranych elementów  Opracowanie fragmentu kosztorysu wybranych prac
Work placement	Not applicable