GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	, PG_00060405
Field of study	Spatial Development

Date of commencement of studies	October 2022	Academic year of realisation of subject	2024/2025
Education level	first-cycle studies	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	1.0
Learning profile	general academic profile	Assessment form	assessment

Conducting unit	Department of Urban Design and Regional Planning -> Faculty of Architecture

Name and surname of lecturer (lecturers)	Subject supervisor	prof. dr hab. inż. arch. Piotr Lorens
	Teachers	prof. dr hab. inż. arch. Piotr Lorens

Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	15.0	0.0	0.0	0.0	0.0	15
	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	15	0.0	0.0	15

Subject objectives	New Urbanism and Form-based Code Goals of the course: 1. Understanding the methods of work typical for the New Urbanism 2. Familiarizing with the innovative planning tools and instruments used within the urbanism and planning practice, with a focus on form-based codes 3. Understanding the interdependencies between the methodology of urban planning and form of the urban space 4. Developing abilities associated with the process of shaping public spaces in the process of urban design and planning

Learning outcomes	Course outcome	Subject outcome	Method of verification
	K6_U04	Knows the specifics of the planning instruments originating from the New Urbanism movement	[SU4] Assessment of ability to use methods and tools
	K6_U02	Can use planning instruments associated with the form-based codes	[SU3] Assessment of ability to use knowledge gained from the subject
	[K6_K81] is able to cooperate in international team	Understands the importance of the cooperation with other team members in the process of urban design and planning	[SK1] Assessment of group work skills

Subject contents	1. Introduction - historical background of the evolution of the building law and urban planning regulations
	2. New Urbanism
	3. Methodology of the contemporary urban planning
	4. Seasise and its role in the history of the contemporary urbanism. First code of urban forms
	5. Typology and key forms of the form-based codes
	6. Form-based codes - basic components - part 1
	7. Form-based codes - basic components - part 2
	8. A concept of the Transect
	9. A model version of the spatial forms code - SmartCode
	10. Form-based codes vs. zoning - similarities and differences K
	11. Between legal regulations nad designed-based projects - the issue of specificity of the local plans M
	12. Form-based codes in practice
	13. Charrette - urban workshop
	14. Adaptation of the form-based codes in the polish building law and planning legislation A
	15. Summary - directions of further development of the form-based codes

Prerequisites and co-requisites	

Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	final paper submission	50.0%	100.0%

Recommended reading	Basic literature	DOMIŃCZAK, M., *Nowa Urbanistyka. Metodyka projektowania wg SmartCode*, WPŁ 2020
		DUANY, A., SORLIEN, S., WRIGHT, W., *SmartCode and Manual*, New Urban News Publications, 2010.
		PAROLEK, G.D., PAROLEK, K., CRAWFORD, C.P., *Form-Based Codes. A Guide for Planners, Urban Designers, Municipalities, and Developers*, Willey 2008
	Supplementary literature	SLONE, D. K., Goldstein, D.S., GOWDER, W.A., *A Legal Guide to Urban and Sustainable Development for Planners, Developers and Architects*; John Wiley & Sons, 2008
		SmartCode-v9_2-Polish.pdf (transect.or
	eResources addresses	Adresy na platformie eNauczanie:

Example issues/ example questions/ tasks being completed	Present and discuss the example of implementation of the form-based code
Work placement	Not applicable

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