



Subject card

Subject name and code	Urban design II, PG_00068153						
Field of study	Spatial Development						
Date of commencement of studies	October 2025		Academic year of realisation of subject		2026/2027		
Education level	first-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	2		Language of instruction		Polish		
Semester of study	3		ECTS credits		4.0		
Learning profile	general academic profile		Assessment form		assessment		
Conducting unit	Department of Spatial Planning -> Faculty of Architecture -> Faculties of Gdańsk University of Technology						
Name and surname of lecturer (lecturers)	Subject supervisor		dr inż. arch. Anna Gołędzinowska				
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	15.0	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		8.0		47.0	100
Subject objectives	The aim of the project-based classes within the ‘Urban Design II’ module is to put previously acquired knowledge of urban planning theory and the fundamentals of environmental analysis into practice by developing an urban design concept for a small residential and commercial development within a selected urban unit. Working in small project teams, students develop their design skills by focusing on tasks related to the creative shaping of space based on good urban planning practices; they utilise GIS tools and develop skills in using available, free online tools.						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	[K6_U03] acquires, collects and classifies information in the field of spatial management from a variety of sources, including literature, databases, electronic sources, field observations, surveys and interviews; can perform urban and ruralistic inventory		The student is able to carry out a basic urban planning survey of the project site using GIS software, gather and select the information necessary to develop an urban planning project, and propose a design solution based on the results of previous analyses.		[SU1] Assessment of task fulfilment [SU2] Assessment of ability to analyse information [SU4] Assessment of ability to use methods and tools		
	[K6_K01] critically evaluates the received content; Recognizes the importance of knowledge in solving cognitive and practical problems; it reflects on the ethical, scientific and social aspects related to the urban planner and planner's work		Students are able to critically evaluate the information they have gathered and identify the limitations arising from the quality, timeliness and completeness of the sources used; they are prepared to reflect on the social, environmental and ethical implications of proposed urban planning solutions.		[SK1] Assessment of group work skills [SK2] Assessment of progress of work [SK5] Assessment of ability to solve problems that arise in practice		

Subject contents	Course content – exercises Module 1 (3 teaching hours) comprises an orientation session, an introduction to the course, a discussion of the course objectives, assessment criteria and rules for collaboration, as well as the division into project teams and the allocation of project topics. This is followed by a presentation of the guidelines for the academic handbook 'The Urban Planner's Toolkit'. Students begin their independent work in small project teams and gather materials relating to relevant case studies, which will be subjected to further analysis. Module 2 (3 teaching hours) comprises consultations regarding the selection and scope of the case studies to be analysed. The teams present their preliminarily selected reference projects and proposed analysis parameters. Module 3 (3 teaching hours) comprises consultations on the chapters prepared by the individual project teams; the discussion focuses on the substantive accuracy of the reports, the quality of the parametric analyses and the validity of the analytical conclusions. Module 4 (3 teaching hours) involves the whole group working together on the publication of the final results of their work. After being divided into sub-teams responsible for preparing the results for publication, students agree on the graphic design guidelines, the structure of the pages and the method of presenting the material. Module 5 (3 teaching hours) comprises the presentation of the results by the project teams during the classes, a concluding discussion, and the submission of the complete report in the form of a printed academic paper and a digital version in the form of a shared website created using the Wix platform.											
	Course content – project 1. Introduction to the course: discussion of the aim, scope of the project, principles of collaboration, division into teams, and preparation for the site visit and analyses. Independent work: data collection. 2. Site visit: photographic documentation and data verification. Independent work: preparation of urban planning analyses. 3. Discussion and refinement of urban analyses. Independent work: preparation of analytical diagrams at various scales. 4. Prioritisation of the site's problems and assets. Independent work: a map of problems and assets, and diagrams. 5. First assessment: evaluation of the analyses and the map of problems and assets; commencement of work on the vision. Independent work: individual concepts. 6. Development of a shared vision for the site's development. Independent work: vision display board and supplementary diagrams. 7. Second assessment: presentation of the vision and discussion. Independent work: revision of the vision and materials for the website. 8. Development of a land-use concept, including public spaces and buildings. Independent work: working concept map. 9. Development of the concept through 3D modelling and spatial studies. Independent work: concept map and 3D model. 10. Refinement of the concept, plans and sections. Independent work: presentation boards. 11. Third assessment: presentation of the urban design concept. Independent work: project revision and publication of materials. 12. Further refinement of the concept and selection of an urban design detail. Independent work: draft detail map. 13. Development of the urban design detail in the form of plans and diagrams. Independent work: detail drawings and layout of presentation boards. 14. Preparation of the final layout of the display boards and consultations on the term project. Independent work: final display boards. 15. Final assessment: presentation of the term project together with the urban detail. Independent work: submission of the project and publication on the platform.											
Prerequisites and co-requisites												
Assessment methods and criteria	<table><tr><td>Subject passing criteria</td><td>Passing threshold</td><td>Percentage of the final grade</td></tr><tr><td>Exersises</td><td>51.0%</td><td>35.0%</td></tr><tr><td>Design project</td><td>51.0%</td><td>65.0%</td></tr></table>			Subject passing criteria	Passing threshold	Percentage of the final grade	Exersises	51.0%	35.0%	Design project	51.0%	65.0%
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	Exersises	51.0%	35.0%									
Design project	51.0%	65.0%										

Recommended reading	Basic literature	Alexander, C., Ishikawa, S., & Silverstein, M. (1977). <i>A pattern language: Towns, buildings, construction</i>. Oxford University Press. Carmona, M. (2021). <i>Public places urban spaces: The dimensions of urban design</i> (3rd ed.). Routledge. Gehl, J. (2010). <i>Cities for people</i>. Island Press. Jacobs, J. (1961). <i>The death and life of great American cities</i>. Random House. Lynch, K. (1960). <i>The image of the city</i>. MIT Press. Moughtin, C. (2003). <i>Urban design: Street and square</i> (3rd ed.). Architectural Press. Whyte, W. H. (1980). <i>The social life of small urban spaces</i>. Project for Public Spaces.
	Supplementary literature	Beatley, T. (2000). <i>Green urbanism: Learning from European cities</i>. Island Press. Cullen, G. (1961). <i>Townscape</i>. Architectural Press. albo nowsze wydanie: Cullen, G. (1971). <i>The concise townscape</i>. Architectural Press. Montgomery, C. (2013). <i>Happy city: Transforming our lives through urban design</i>. Farrar, Straus and Giroux. Speck, J. (2012). <i>Walkable city: How downtown can save America, one step at a time</i>. Farrar, Straus and Giroux. Talen, E. (2009). <i>Urban design reclaimed: Tools, techniques, and strategies for planners</i>. American Planning Association.
	eResources addresses	
Example issues/ example questions/ tasks being completed	• Carry out a functional analysis of the project area and identify the site's primary and secondary functions. • Prepare a map showing pedestrian access to services, public transport stops and green spaces. • Draw up a diagram illustrating the spatial links between the project area and its surroundings. • Propose a structure for residential and commercial development, including a justification for the location of services. • Prepare a 3D model and check whether the proposed scale of development is appropriate in relation to the surrounding area. • Prepare a final project presentation, demonstrating a logical progression from the analyses to the design decisions.	
Practical activities within the subject	Not applicable	

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