



Subject card

Subject name and code	Comprehensive urban planning, PG_00065380						
Field of study	Spatial Development						
Date of commencement of studies	February 2027		Academic year of realisation of subject		2026/2027		
Education level	second-cycle studies		Subject group		Obligatory subject group in the field of study 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	1		ECTS credits		8.0		
Learning profile	general academic profile		Assessment form		assessment		
Conducting unit	Department of Urban Design and Regional Planning -> Faculty of Architecture -> Faculties of Gdańsk University of Technology						
Name and surname of lecturer (lecturers)	Subject supervisor		dr hab. inż. arch. Izabela Mironowicz				
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	30.0	20.0	0.0	30.0	0.0	80
	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	80		15.0		105.0	200
Subject objectives	Wykłady z przedmiotów: <i>Wprowadzenie do planowania rozwoju miast</i> (15 h) oraz <i>Kompleksowe planowanie miast</i> (15 h) prowadzone są łącznie. Ćwiczenia i projekt z przedmiotu <i>Kompleksowe planowanie miast</i> (15+30h) prowadzone są w uzgodnieniu z treścią wykładów. W trakcie wykładów poruszone zostaną najistotniejsze problemy współczesnych miast oraz przedyskutowane zostaną możliwe sposoby przezwyciężenia wyzwań przed jakimi stoją miasta. Istotnym elementem narracji będzie kwestia zdrowia miastach oraz tego, jakie czynniki wpływają korzystnie na zdrowie mieszkańców.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[K7_U06] is able to formulate a design specification for a complex planning task, including legal and other non-technical aspects, including such things as social impact and economic efficiency	analysis of examples of transformation policies in large city districts in terms of comprehensive solutions to development problems using the synergy effect	[SU3] Assessment of ability to use knowledge gained from the subject
	[K7_K02] initiates diverse activities for the public interest, including participation in the preparation of community projects, planning and urban planning workshops and public debates on issues related to spatial development, within he/she can reliably present the problem. In a non-professional forum and explain the methods and solutions used	has in-depth and broadened knowledge of spatial management, urban planning and spatial planning, including activities used in the process of transforming urban areas	[SK5] Assessment of ability to solve problems that arise in practice [SK1] Assessment of group work skills
	[K7_U01] Communicates using a variety of techniques in professional and non-professional environment: presents the results of his or her work; passing information in a commonly understood manner; performs self-evaluation and constructive criticism of his or her own and others' work results; has the ability to negotiate	using the synthesis of information obtained from the literature studies of one's own to support the critical statement in the project and seminar work	[SU1] Assessment of task fulfilment [SU5] Assessment of ability to present the results of task
Subject contents	Course content – lecture Lecture (15 h): Service centers: characteristics, typology, classification, influence on shaping the city structure and life in the city, structural patterns, case studies. Polycentric urban structures. Economic activities in the city: characteristics, typology, classification, influence on shaping the city structure and life in the city, structural patterns, case studies. Urban planning in the context of circular economy. Economic activities in the city: characteristics, typology, classification, influence on shaping the city structure and life in the city, structural patterns, case studies. Urban planning in the context of circular economy. Urban planning and the natural environment. Nature-based solutions in urban planning. Transportation systems and associated elements of urban structure. Heritage planning. Challenges for urban transformation. Seminar (15h): Key elements for shaping healthy cities. Design studio (30h): Shaping healthy districts. Principles of planning large urban areas in the perspective of healthy cities.		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
		60.0%	30.0%
	seminar evaluation	60.0%	15.0%
	design evaluation	60.0%	55.0%

Recommended reading	Basic literature	<i>Cities Change the World</i>. (2020). Les Cahiers no. 176 de l'institute Paris Region (online) Chang, Ha-Joon, (2012) <i>23 Things They Don't Tell You About Capitalism</i>. Bloomsbury Publishing / (2013) <i>23 rzeczy których nie mówią ci o kapitalizmie</i>. Wydawnictwo Krytyka Polityczna, Warszawa. Dijkstra, L., Poelman, H. (2012) <i>Cities in Europe. The new OECD-EC definition</i>. Regional Focus 02/2012. European Commission. (online) European Commission (2016) <i>Urban Agenda for the EU. Pact of Amsterdam</i>. (online) European Council of Spatial Planners (ECTP-CEU) (2013) <i>The Charter of European Planning</i>. (online) <i>Lepizig Charter on Sustainable European Cities</i>. (2007) / Karta Lipska na rzecz zrównoważonego rozwoju miast europejskich (online PL, EN) <i>New Leipzig Charter- The transformative power of cities for the common good</i> (2020) (online) OECD (2015) <i>Governing the City</i>. OECD Publishing, Paris. (online) https://doi.org/10.1787/9789264226500-en. Ripple, W.J., Wolf, Ch., Newsome, T.M., Barnard, P., Moomaw, W.R. (2020) <i>11,258 scientist signatories from 153 countries, Corrigendum: World Scientists Warning of a Climate Emergency</i>. BioScience, Volume 70, Issue 1:100. https://doi.org/10.1093/biosci/biz152 (online) Sennett, R. (2018) <i>Building and Dwelling. Ethics for the City</i>. Allen Lane. United Nations. 2016. <i>New Urban Agenda</i>. (online)
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	Supplementary literature	Batty, M. (2013) <i>The New Science of Cities</i>. MIT Press, Cambridge, Massachusetts-London. Burdett, R., Sudjic, D., (red.) 2007. <i>The Endless City</i>. Phaidon. ESPON (2010) <i>FOCI - Future Orientation for Cities</i>. Final Report Scientific Report. (online) ESPON (2014) <i>TOWN Small and Medium-Sized Towns</i>. Final Report Scientific Report. (online) ESPON (2020) <i>SUPER - Sustainable Urbanization and land-use Practices in European Regions</i> (online) Graham, W. (2016) <i>Dream Cities. Seven Urban Ideas That Shape the World</i>. Harper/HarperCollins Publishers / (2016) <i>Miasta wyśnione</i>. Krakater, Kraków. Harvey, D. 2012. <i>Rebel Cities. From the Right to the City to the Urban Revolution</i>. Verso. London-New York. Jacobs, J. 2002. <i>The Death and Life of Great American Cities</i>. Random House. Kostoff, S. 1991. <i>The City Shaped. Urban Patterns and Meanings Through History</i>. Thames & Hudson. Inam, A. 2014. <i>Designing Urban Transformation</i>. Routledge, London-New York <i>Large-Scale Urban Development Projects in Europe</i>. (2007) Les Cahiers no. 146 de l'institute Paris Region (online) Majda, T. Mironowicz, I. (red.) (2017) <i>Manifesty urbanistyczne. W poszukiwaniu współczesnego modelu miasta</i>. Biblioteka Urbanisty T. 15. Warszawa. (online) Mironowicz, I. (2016) <i>Modele transformacji miast</i>. Wydawnictwo Politechniki Wrocławskiej, Wrocław. Nabelak, K., Hamers, D., Evers, D. 2016. <i>Cities in Europe. Facts and figures on cities and urban areas</i>. PBL, Netherlands Environmental Assessment Agency, The Hague. Rose J.F.P. (2016) <i>The Well-Tempered City. What Modern Science, Ancient Civilisations, and Human Nature Teach Us About the Future of Urban Life</i>. HarperCollins Publishers / (2019). <i>Dobrze nastrojone miasto . Czego współczesna nauka, pradawne cywilizacje i ludzka natura mogą nas nauczyć o przyszłości życia w miastach</i>. Karakter, Kraków. Townsend, A.M., (2014) <i>Smart Cities. Big Data, Civic Hackers, and the Quest for a New Utopia</i>. W.W Norton & Company. New York - London.
	eResources addresses	

Example issues/ example questions/ tasks being completed	Lectures:1. name and describe typology of urban centres2. describe principles of location of industrial activities within urban structure3. what is a heritage city? Seminar: 1. Describe elements supporting walkability 2. Important elements of blue-green infrastructure in the district 3. Key elements of 15-mins city Design studio: justify your solutions in the context of health of the residents
Practical activities within the subject	Not applicable

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