



Subject card

Subject name and code	Comprehensive urban planning, PG_00065371						
Field of study	Spatial Development						
Date of commencement of studies	February 2026		Academic year of realisation of subject		2025/2026		
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 -> Wydział Politechniki Gdańskiej						
Name and surname of lecturer (lecturers)	Subject supervisor		dr hab. inż. arch. Izabela Mironowicz				
	Teachers						
Lesson types and methods of instruction	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	<p>Lectures. The lectures will address the most relevant problems of contemporary cities and discuss possible ways to overcome the challenges cities face.</p> <p>Classes. The socio-spatial dimension of projects for the transformation of complex urban structures. An analysis of the possibilities of applying the experience of cities from Poland and Europe to the transformation of complex urban structures of selected areas in Poland.</p> <p>Project (Design studio). Comprehensive proposal for the transformation of a complex area in a city, including an analysis of the situation, a proposal for the direction and strategy of the transformation, and a spatial proposal for the functional and spatial structure as a possible implementation of this strategy. Work on a case study from the Tricity area.</p>						

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	formulation of the socio-spatial transformation vision for urban degraded areas as a tool to improve the quality of life in the district	[SU5] Assessment of ability to present the results of task [SU4] Assessment of ability to use methods and tools [SU3] Assessment of ability to use knowledge gained from the subject [SU2] Assessment of ability to analyse information [SU1] Assessment of task fulfilment
	[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	presentation of the design concept in project group and in front of representatives of the local community, including people without professional training - as a design tool	[SU5] Assessment of ability to present the results of task [SU4] Assessment of ability to use methods and tools [SU1] Assessment of task fulfilment
	[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	preparation of design information material for the participatory planning process	[SK2] Assessment of progress of work [SK1] Assessment of group work skills [SK5] Assessment of ability to solve problems that arise in practice [SK4] Assessment of communication skills, including language correctness [SK3] Assessment of ability to organize work

Subject contents	<p>LECTURE. Main themes discussed:</p> <p>Challenges for contemporary cities. Specificities and conditions of the work of the urban planner/urban planner. Documents defining the competences of urban planners and the challenges they face.</p> <p>The concept of the city. Classical definitions of cities. Typology of definitions.</p> <p>Urban development: territorial, demographic, social (including economic), political. Measures of development. Concepts of development.</p> <p>Transformation of cities. Definition of a city as established by the EU and OECD. Strengths and weaknesses of the definition adopted. Morphology and density. The concept of quality of life.</p> <p>The city as a system. Models of the city - general characteristics. Modelling, examples of models reflecting urban processes.</p> <p>The concept of functional and spatial structure of a city. City physiognomy, methods of description and diagnosis. Energy and materials in cities.</p> <p>Service centres: characteristics, typology, classification, influence on the formation of the city structure and city life, examples of solutions. Polycentric urban structures.</p> <p>Urban economic activities: characteristics, typology, classification, impact on shaping city structure and city life, examples of solutions. City planning in the context of the circular economy.</p> <p>Housing: characteristics, typology, classification, impact on shaping city structure and city life, examples of solutions. Density issues. Public health. Housing policy.</p> <p>Urban planning and the natural environment. <i>Nature-based solutions</i> / biomimicry principles in urban planning.</p> <p>Urban transport systems and related elements of urban functional and spatial structure.</p> <p>Heritage planning. Problems of urban transformation.</p> <p>Technical infrastructure of cities.</p> <p>Classes. A series of meetings with practitioners of urban transformation, whose short presentations will be used to discuss the issue of implementing the concepts of comprehensive urban planning.</p> <p>Project (Design studio). Developing a vision for a preliminary socio-spatial strategy for the transformation of a degraded area of the city. Proposals for a functional and spatial structure corresponding to this vision.</p>		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	project evaluation	60.0%	55.0%
	classes evaluation	60.0%	15.0%
	lecture - final test	60.0%	30.0%

Recommended reading	Basic literature	<p>LECTURE:</p> <p><i>Cities Change the World.</i> (2020). Les Cahiers no. 176 de l'institute Paris Region (online)</p> <p>Dijkstra, L., Poelman, H. (2012) <i>Cities in Europe. The new OECD-EC definition.</i> Regional Focus 02/2012. European Commission. (online)</p> <p>European Commission (2016) <i>Urban Agenda for the EU. Pact of Amsterdam. / Agenda miejska Unii Europejskiej. Pakt Amsterdamski</i> (online EN, PL)</p> <p>European Council of Spatial Planners (ECTP-CEU) (2013) <i>The Charter of European Planning.</i> (online)</p> <p>Howarth C., Lane, M. Slevin, A. (2022) <i>Addressing the Climate Crisis. Local action in theory and practice.</i> Palgrave Macmillan. https://doi.org/10.1007/978-3-030-79739-3</p> <p>Hickel, J. (2021) <i>Less is More.</i> London: Penguin Random House. / <i>Mniej znaczy lepiej.</i> Warszawa: Karakter.</p> <p><i>Lepizig Charter on Sustainable European Cities.</i> (2007) / <i>Karta Lipska na rzecz zrównoważonego rozwoju miast europejskich</i> (online EN, PL)</p> <p>Monbiot, G. (2020) <i>Private Sufficiency, Public Luxury: Land is the Key to the Transformation of Society.</i> Fortieth Annual E. F. Schumacher Lecture, October 25, 2020. Available at: https://centerforneweconomics.org/publications/private-sufficiency-public-luxury-land-is-the-key-to-the-transformation-of-society/.</p> <p><i>New Leipzig Charter - The Transformative Power of Cities for the Common Good</i> (2020) / <i>Nowa Karta Lipska - Transformacyjna siła miast na rzecz wspólnego dobra</i> (online EN, PL)</p> <p>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, Pages 8-12, https://doi.org/10.1093/biosci/biz152.</p> <p>Ripple, W.J., Wolf, Ch., Newsome, T.M., Gregg, J.W., Lenton, T.M., Palomo, I., Eikelboom, J.A.J., Law, B.E., Huq, S., Duffy, P.B., Rockström, J., (2021) <i>World Scientists Warning of a Climate Emergency 2021</i>, BioScience, Volume 71, Issue 9, Pages 894898, https://doi.org/10.1093/biosci/biab079</p> <p>Ripple, W.J., Wolf, Ch., Gregg, J.W., Levin, K., Rockström, J., Newsome, T.M., Betts, M.G., Huq, S., Law, B.E., Kemp, L., Kalmus, P., Lenton, T.M., (2022) <i>World Scientists Warning of a Climate Emergency 2022</i>, BioScience, Volume 72, Issue 12, December 2022, Pages 11491155, https://doi.org/10.1093/biosci/biac083</p> <p>Ripple, W.J., Wolf, Ch., Gregg, J.W., Rockström, J., Newsome, T.M., Law, B.E., Marques, L., Lenton, T.M., Xu, Ch., Huq, S., Simons, L., King, D.A., (2023) <i>The 2023 state of the climate report: Entering uncharted territory.</i> BioScience, Volume 73, Issue 12, December 2023, Pages 841850, https://doi.org/10.1093/biosci/biad080</p> <p>Ripple, W.J., Wolf, Ch., Gregg, J.W., Rockström, J., Mann, M.E., Oreskes, N., Lenton, T.M., Rahmstorf, S., Newsome, T.M., Xu, Ch., Svenning, J.-Ch., Cardoso Pereira, C., Law, B.E., Crowther, T.W. (2024) <i>The 2024 state of the climate report: Perilous times on planet Earth.</i> BioScience, Volume 74, Issue 12, December 2024, Pages 812824, https://doi.org/10.1093/biosci/biae087</p>
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		<p>Lane Senhett, R. (2018) <i>Building and Dwelling. Ethics for the City</i>. Allen</p> <p>United Nations (2016) <i>New Urban Agenda / Nowa Agenda Miejska</i> (online EN, PL)</p>
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Supplementary literature	<p>LECTURE:</p> <p>Batty, M. (2013) <i>The New Science of Cities</i>. MIT Press, Cambridge, Massachusetts-London.</p> <p>Burdett, R., Sudjic, D., (eds.) 2007. <i>The Endless City</i>. Phaidon.</p> <p>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.</p> <p>ESPON (2020) <i>SUPER - Sustainable Urbanization and Land-use Practices in European Regions</i> (online)</p> <p>Graham, W. (2016) <i>Dream Cities. Seven Urban Ideas That Shape the World</i>. Harper/HarperCollins Publishers / <i>Miasta wyśnione</i>. Krakater, Kraków.</p> <p>Harvey, D. (2012) <i>Rebel Cities. From the Right to the City to the Urban Revolution</i>. Verso. London-New York.</p> <p>Jacobs, J. (2002) <i>The Death and Life of Great American Cities</i>. Random House.</p> <p>Kostoff, S. (1991) <i>The City Shaped. Urban Patterns and Meanings Through History</i>. Thames & Hudson.</p> <p>Inam, A. (2014) <i>Designing Urban Transformation</i>. Routledge, London-New York</p> <p><i>Large-Scale Urban Development Projects in Europe</i>. (2007) Les Cahiers No. 146 de l'institute Paris Region (online)</p> <p>Majda, T., Mironowicz, I. (red.) (2017) <i>Manifesty urbanistyczne. W poszukiwaniu współczesnego modelu miasta</i>. Biblioteka Urbanisty T. 15. Warszawa. (online; można dostać kopię w prezencie)</p> <p>Mironowicz, I. (2025) <i>Jakiego systemu planowania (nie tylko przestrzeni) potrzebujemy?</i> Tygodnik Spraw Obywatelskich Nr 267/(6) 2025. Dostępny na: https://instytutprawobywatelskich.pl/jakiego-systemu-planowania-nie-tylko-przestrzeni-potrzebujemy/</p> <p>Mironowicz, I. Skrzypczyński, R. (2022) <i>Od zrównoważonego rozwoju do dewzrostu paradygmaty krytyczne wobec wzrostu i ich implikacje dla planowania przestrzennego</i>. Samorząd Terytorialny, 7-8:379-380, ss. 80-98.</p> <p>Monbiot, G. (2022) <i>Regenesiis. Feeding the World Without Devouring the Planet</i>. Allen Lane. / (2023) <i>Regenesiis. Jak wyżywić świat nie pożerając planety</i>. Warszawa: Wydawnictwo Krytyki Politycznej.</p> <p>Nabielak, 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.</p> <p>OECD (2015) <i>Governing the City</i>. OECD Publishing, Paris. (online) https://doi.org/10.1787/9789264226500-en.</p> <p>Rose J.F.P. (2016) <i>The Well-Tempered City. What Modern Science, Ancient Civilisations, and Human Nature Teach Us About the Future of</i></p>
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		<p><i>Urban Life</i>. HarperCollins Publishers / (2019). <i>Dobrze nastrojone miasto . Czego współczesna nauka, prądowne cywilizacje i ludzka natura mogą nas nauczyć o przyszłości życia w miastach</i>. Karakter, Kraków.</p> <p>Savini, F., Ferreira, A., von Schönfeld, K.C. (eds.) (2022) <i>Post-Growth Planning. Cities Beyond the Market Economy</i>. New York: Routledge.</p> <p>Shaikh, S., Talen, E. (2023) <i>Our Urban Future. An Active learning Guide to Sustainable Cities</i>. The MIT Press. Cambridge, MA, London.</p> <p>Stein, S. (2019) <i>Capital City. Gentrification and the Real Estate State</i>. Verso. London-New York</p> <p>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.</p>
	eResources addresses	
Example issues/ example questions/ tasks being completed	<p>Lectures:</p> <ol style="list-style-type: none"> 1. Discuss types of service centres 2. Methods of reducing energy consumption in cities 3. Housing policy using the example of a selected city <p>The final test contains questions to test students' knowledge of topics from the compulsory reading list.</p> <p>Classes:</p> <p>How do Local Activity Centres work in revitalisation areas of Polish cities?</p> <p>Give examples of transformations carried out in selected European cities.</p> <p>How are methods of verifying the working vision of transformations determined?</p> <p>Project (Design studio):</p> <p>In a project team, develop a concept as a vision for a preliminary strategy for the transformation of a degraded urban area. Illustrate your concept with selected examples from Polish and international practice. Support the design thesis with arguments selected from a synthesis of local conditions.</p>	
Work placement	Not applicable	

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