



Subject card

Subject name and code	Economics of cities and regions, PG_00049241						
Field of study	Spatial Development						
Date of commencement of studies	October 2026	Academic year of realisation of subject			2028/2029		
Education level	first-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	3	Language of instruction			Polish		
Semester of study	6	ECTS credits			2.0		
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	prof. dr hab. Elżbieta Wojnicka-Sycz					
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	15.0	15.0	0.0	0.0	0.0	30
	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	30	3.0	17.0	50		
Subject objectives	The aim of the course is to learn about the specifics of city economy and its management.						
Learning outcomes	Course outcome	Subject outcome			Method of verification		
	[K6_U04] prepares analyses of spatial assumptions on an agglomeration, city and district scale; demonstrates the ability to correctly interpret and assess the existing condition based on data from various sources; formulates guidelines for urban and architectural design and develops concepts for the transformation of urbanized structures	He is able to analyze the problems and development needs of the city and the resulting objectives using project management tools.			[SU4] Assessment of ability to use methods and tools		
	[K6_W04] has knowledge in the field of pro-ecological design and knows the principles of sustainable development of cities and regions; has knowledge of the natural foundations of spatial management and the impact of natural conditions on the processes of economic development on a local, regional and national scale	He can analyze the economy of a city as an evolving and holistic system of many functions.			[SW3] Assessment of knowledge contained in written work and projects		
	[K6_W01] has knowledge relating to theoretical and practical issues in the field of space management, including urban planning and design and the principles of local development, regional and national development, and has knowledge about contemporary trends of development and revitalization of settlement structures and the life cycle of facilities and systems related to the functioning of settlement units	Understands the impact of natural conditions on economic development processes in local and regional systems.			[SW1] Assessment of factual knowledge		

Subject contents	<p>Course content – lecture</p> <p>The city, its users, and its surroundings (the concept and outline of urban economics; city-forming factors; types of cities; the city as a socio-economic system; the city as an information system; technical infrastructure of cities; commuting to work and services, public services; municipal services; residential areas; external connections of the city; living conditions and utility values; quality of life and assessment of living conditions; spatial behavior of the population; characteristics of the Polish settlement network and structural problems of Polish cities)</p> <p>The city and its functions (meeting the needs of residents; public, private, and market goods; the Tiebout model ; externalities and internalization of externalities; economies of scale; agglomeration effects; support services; functional area; Christaller's concept; city networks; city competitiveness)</p> <p>Factors shaping the internal structure of a city (land and natural environment; land use; accessibility and isolation; services for residents and businesses; location theories; Alonso model; land rent; building rent; land prices and their spatial implications)</p> <p>Mechanisms of city development (urbanization and city development; definition and measures of development; dynamics of city development; models of spatial structure development; phases of city development; development thresholds; optimum city size; costs of city development; concept of sustainable growth; social factors of city development; ecological problems of city development)</p>		
	<p>Course content – exercises</p> <p>Preparing a project for the participatory budget using project management tools and thematic presentations prepared by students</p>		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Oral response	50.0%	50.0%
	Project for citizens budget	50.0%	50.0%
Recommended reading	Basic literature	<ul style="list-style-type: none"> - Markowski T., Urban Development Management, PWN, Warsaw 1999 - Czornik M., The City Economic Aspects of Functioning, AE Publishing House, Katowice 2004 - Bury P., Markowski T., Regulski J., Fundamentals of Urban Economics, Foundation for the Development of Entrepreneurship in Łódź, Łódź 1993 - Bról R. (ed.), Urban Economics and Management, AE Publishing House, Wrocław 2004. Wysocki, R.K (2018). Effective Project Management. Gliwice: Onepress - E.Wojnicka-Sycz Model of a Territorial Growth Pole as a System of Development Factors, WUG, 2013 	

	Supplementary literature	<p>Wysocki, R.K (2018). Efektywne zarządzanie projektami. Gliwice: Onepress</p> <p>Komisja Europejska (2004) Podrecznik - Zarządzanie Cyklem Projektu Ministerstwo, http://pokl.wup.kielce.pl/files/podr_zarz_cykl_proj.pdf</p> <p>K.Piróg (2019) Miasta wraz z obszarami funkcjonalnymi oraz bieguny wzrostu w wojewodztwie podkarpackim, Rzeszów https://rot.podkarpackie.pl/images/assets/files/bazawiedzy/badania_zewnetrzne/Przeglad_regionalny_Mias</p>
	eResources addresses	
Example issues/ example questions/ tasks being completed	<ol style="list-style-type: none"> 1. Describe the factors shaping the internal structure of a city. 2. Models of urban spatial development. 3. Gantt chart. 	
Practical activities within the subject	Not applicable	

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