



Subject card

Subject name and code	Basics of spatial development, PG_00071406						
Field of study	Spatial Development						
Date of commencement of studies	October 2026	Academic year of realisation of subject			2027/2028		
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	2	Language of instruction			Polish		
Semester of study	3	ECTS credits			2.0		
Learning profile	general academic profile	Assessment form			exam		
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	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	4.0	16.0	50		
Subject objectives	The subject presents main knowledge concerning contemporary spatial planning. The subject aims to transfer knowledge for such subjects as regional planning and urban planning.						
Learning outcomes	Course outcome	Subject outcome			Method of verification		
	[K6_U06] properly analyses the causes and the course of the process, and the social, cultural, political, legal and economic problems affecting changes in space, including those resulting from historical circumstances; makes design decisions based on social conditions, respecting the needs of users, the cultural environment	Abilities of statistical analysis of voivodships' situation.			[SU5] Assessment of ability to present the results of task [SU4] Assessment of ability to use methods and tools [SU1] Assessment of task fulfilment		
	[K6_W05] has knowledge in the field of city and region development management and implementation of investment projects, and also knows the principles of conducting business related to space management and general principles of creating and developing forms of individual entrepreneurship	Knows the basic principles of spatial policy making and its theoretical justification.			[SW1] Assessment of factual knowledge		
	[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	Competence in formulating questions and answering issues related to spatial management and socio-economic geography.			[SK1] Assessment of group work skills [SK5] Assessment of ability to solve problems that arise in practice		

Subject contents	Course content – lecture		
	<p>Basics of spatial planning:</p> <ol style="list-style-type: none"> 1. General theoretical concepts 2. Spatial structure of economy and territory 3. Tradition and evolution of spatial planning 4. Main theories of spatial economy 5. Modelling spatial economy 6. Models of regional growth 7. Research methods 8. Factors of spatial planning 9. Methods of diagnosis 10. Methods of monitoring 11. Methods of spatial planning 12. Plans or spatial development 13. Principles of spatial planning 		
	Course content – exercises		
	<p>Preparation of a presentation based on the book by Domański R. (2006). Spatial economy. Theoretical foundations. PWN, Warsaw, together with a quiz (points for correct answers) and preparation of province profiles based on statistical data in the following format:</p> <ol style="list-style-type: none"> 1. Basic information (location, administrative division, population, main cities) 2. Analysis of the socio-economic dimension 3. Analysis of the environmental and spatial dimension 4. Development goals and areas of smart specialization <p>Translated with DeepL.com (free version)</p>		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Written exam	50.0%	60.0%
	Finalising exercises	50.0%	40.0%
Recommended reading	Basic literature	<ol style="list-style-type: none"> 1. Domański R. (2006). Gospodarka przestrzenna. Podstawy teoretyczne. PWN, Warszawa 2. Domański R. (2012). Ewolucyjna gospodarka przestrzenna. Wyd. UE w Poznaniu. Poznań. 	
	Supplementary literature	<ol style="list-style-type: none"> 1. Wojnicka-Sycz E. 2013. Model terytorialnego biegunu wzrostu jako systemu czynników rozwojowych, WUG Sopot 2. Budner W., 2011, Geografia ekonomiczna - współczesne zjawiska i procesy, Wydawnictwo UE, Poznań 3. Davis M., 2009, Planeta slumsów, IW Książka i Prasa, Warszawa 4. Fierla I. (red.), 2011, Polska w Europie - zarys geograficzno-ekonomiczny, PWE, Warszawa 5. Głębinska K., Grewinski M.. Europejska polityka strukturalna, Dom Wydawniczy Elipsa, 2003 6. Gorzelak G., Tucholska A. (2007). Rozwój, region, przestrzeń. Wyd. Euroreg.Warszawa 7. Jankowska A., Kierzkowski T., Knopik R., Fundusze Strukturalne Unii Europejskiej, Wydawnictwo C.H.Beck, Warszawa 2005 8. Lorens P., Martyniuk-Pęczek J. (red.) (2011). Planowanie i realizacja przedsięwzięć urbanistycznych. Wyd. Akapit DTP. Gdańsk 9. Nowakowska A., Regionalny wymiar procesów innowacji, Wydawnictwo Uniwersytetu Łódzkiego, Łódź 2011. 10. Parteka T. (2008). Europejskie wyzwania polskiej przestrzeni. Regiony, metropolie, transport. Wyd PG. Gdańsk. 11. V raport KE na temat spójności gospodarczej, społecznej i terytorialnej, KE 	
	eResources addresses	Supplementary http://bdl.stat.gov.pl - Bank of Local Data of Central statistical Office	
Example issues/ example questions/ tasks being completed	List the main factors determining the development of settlements and discuss their impact on the location of investment		
	List the examples of environmental impacts in selected areas of Poland, Europe and the world		
	Identify the main causes of socio-economic disparities, depending on the spatial scale		
Practical activities within the subject	Not applicable		

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