



## Subject card

Subject name and code	Regional Planning, PG_00056704							
Field of study	Spatial Development							
Date of commencement of studies	October 2024	Academic year of realisation of subject			2026/2027			
Education level	first-cycle studies	Subject group						
Mode of study	Full-time studies	Mode of delivery			at the university			
Year of study	3	Language of instruction			Polish			
Semester of study	5	ECTS credits			6.0			
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							
	eNauczanie source address: <a href="https://enauczanie.pg.edu.pl/moodle/course/view.php?id=47156">https://enauczanie.pg.edu.pl/moodle/course/view.php?id=47156</a>							
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		0.0		0.0		45
Subject objectives	Teaching the specificity of regional planning, including the analysis of conditions, data interpretation, the relationship between planning and strategic documents at various levels as well as the language of planning studies of a supra-local rank							

Learning outcomes	Course outcome	Subject outcome	Method of verification
	K6_U02	Potrafi zidentyfikować czynniki i bariery rozwoju miast i zna podstawowe instrumenty pobudzania rozwoju regionu i miasta.	[SU1] Assessment of task fulfilment
	[K6_W05] has basic 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	Understands various functions of the city and their consideration in spatial planning and city management.	[SW1] Assessment of factual knowledge
	K6_U04	Can define the theories and factors of regional development in their historical diversity.	[SU2] Assessment of ability to analyse information
	[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	Understands the influence of factors historical and socio-cultural issues for regional development.	[SK5] Assessment of ability to solve problems that arise in practice
[K6_W04] has basic 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	Rozumie wpływ uwarunkowań przyrodniczych na procesy rozwoju gospodarczego w układach lokalnych i regionalnych.	[SW1] Assessment of factual knowledge	
Subject contents	<p>Course content – exercises</p> <p>Classes implemented in four project stages, the preparation of which will be the basis for passing the subject:</p> <ol style="list-style-type: none"> <li>1. diagram of the structure and functioning of a simple regional space (powiat) including nodal, line and zone systems - hierarchy of settlement units, types of units and functional connections.</li> <li>2. model service system in a model approach (one of four subregions of the Pomeranian Voivodeship) - hierarchy of settlement units, types of units and functional connections, spatial connections of supralocal rank.</li> <li>3. development factors of the peripheral zone or subregion's problem area (as above) - delimitation of areas of concentration of specific potentials and constraints, delimitation of peripheral areas within a subregion.</li> <li>4. the concept of activation of the peripheral zone or problem area of the subregion (in accordance with the subregion adopted earlier) - based on the abovementioned analyzes, spatial definition of directions of activities that can contribute to the sustainable development of this area.</li> </ol> <p>Environmental conditions of regional development</p> <ol style="list-style-type: none"> <li>1. The concept of region, man and natural region</li> <li>2. Basic environmental factors of spatial, economic and social development.</li> <li>3. Environmental conditions and restrictions in the development of technical infrastructure.</li> <li>4. Natural hazards, their distribution in the region and significance for spatial management.</li> <li>5. The importance of forest areas for the functioning of the environment and spatial management.</li> <li>6. Ecological corridors - their environmental role and place in the spatial planning system.</li> <li>7. Legal forms of nature protection, their occurrence in the region and place in the spatial planning system.</li> <li>8. Metropolitan area and environmental factors of its development.</li> <li>9. Urban greenery - its importance, functioning and management of its resources in cities.</li> <li>10. Monitoring of regional and spatial development and environmental monitoring.</li> <li>11. Data sources about space and environment in spatial management</li> <li>12. One- and multi-dimensional assessment methods</li> </ol>		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	project (including SWOT analyses from exercises)	51.0%	100.0%

Recommended reading	Basic literature	<ul style="list-style-type: none"> <li>• Bank Danych Lokalnych stat.gov.pl</li> <li>• Cymerman R. (red.), 2010, Podstawy planowania przestrzennego i projektowania urbanistycznego, Wydawnictwo Uniwersytetu Warmińsko-Mazurskiego w Olsztynie</li> <li>• Domański R, 2006, Gospodarka przestrzenna. Podstawy teoretyczne. Warszawa: Wyd. Nauk. PWN.</li> <li>• Koncepcja Przestrzennego Zagospodarowania Kraju 2030</li> <li>• Parteka T., Teoria regionalistyki oraz projektowanie i planowanie regionalne (skrypt wykładów)</li> <li>• Richling A. Solon J., 2011, Ekologia krajobrazu Wydawnictwo: Wyd.Naukowe PWN S.A.</li> <li>• Śleszyński P., Komornicki T., Solon J., Więckowski M., 2012, Planowanie przestrzenne w gminach Instytut Geografii i Przestrzennego Zagospodarowania PAN</li> <li>• Plan zagospodarowania przestrzennego województwa pomorskiego i Strategia Rozwoju Województwa Pomorskiego 2020</li> <li>• Strzelecki Z. (red.), 2008, Gospodarka regionalna i lokalna, Wydawnictwo Naukowe PWN, Warszawa, rozdziały:</li> <li>• Przewoźniak M., Kształtowanie środowiska przyrodniczego miast. Przykłady z regionu gdańskiego, Wydz. Architektury Politechniki Gdańskiej, Gdańsk, 2002,</li> <li>• Raport o stanie zagospodarowania przestrzennego Województwa Pomorskiego, Gdańsk 2010 i 2014</li> <li>• Ustawy i rozporządzenia</li> </ul>
	Supplementary literature	<ul style="list-style-type: none"> <li>• Gorzelak G., Tucholska A., 2007, Rozwój, region, przestrzeń. Wyd. EUROREG, Warszawa.</li> <li>• Kołodziejcki J., 1991, O przyszły kształt polskiej przestrzeni. Wrocław: Ossolineum.</li> <li>• Kołodziejcki J., 1991, Parteka T., Kształtowanie ładu przestrzennego polskich metropolii w procesie transformacji ustrojowej III RP. Warszawa: Biuletyn KPZR PAN, z. 193.</li> <li>• Strzelecki Z. (red.), 2008, Gospodarka regionalna i lokalna, Wydawnictwo Naukowe PWN, Warszawa (całość wydawnictwa).</li> <li>• Problemy suburbanizacja, t. 7 pod red. P.Lorensa, Biblioteka Urbanisty, Urbanista, Warszawa 2005</li> <li>• Miasta dla rowerów, Wymagania techniczne dla turystycznych i rekreacyjnych szlaków rowerowych, <a href="http://www.rowery.org.pl/zasadytechniczne.html">http://www.rowery.org.pl/zasadytechniczne.html</a></li> </ul>
	eResources addresses	
Example issues/ example questions/ tasks being completed	<ol style="list-style-type: none"> <li>1. Legal (statutory) forms of environmental protection</li> <li>2. Environmental factors of spatial development</li> <li>3. Basic natural threats for spatial development</li> <li>4. What is the "Natura 2000" area?</li> <li>5. What is an ecological corridor and what is its importance</li> <li>6. What is the significance of wetlands</li> <li>7. What is the significance of green infrastructure in cities</li> <li>8. What is "green infrastructure"</li> </ol>	
Practical activities within the subject	Not applicable	

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