

**Subject card**

<b>Subject name and code</b>	Environmental issues in the spatial planning system, PG_00150397						
<b>Field of study</b>	Spatial Management						
<b>Date of commencement of studies</b>	October 2024	<b>Academic year of realisation of subject</b>			2025/2026		
<b>Education level</b>	Bachelor's studies	<b>Subject group</b>			Obligatory subject group in the field of study Humanistic-social subject group		
<b>Mode of study</b>	full-time studies	<b>Mode of delivery</b>			at the university		
<b>Year of study</b>	2	<b>Language of instruction</b>			Polish		
<b>Semester of study</b>	4	<b>ECTS credits</b>			3.0		
<b>Learning profile</b>	academic	<b>Assessment form</b>			exam		
<b>Conducting unit</b>	Division of Landscape and Environmental Studies -> Institute of Socio-Economic Geography and Spatial Management -> Faculty of Social Sciences -> Rector						
<b>Name and surname of lecturer (lecturers)</b>	<b>Subject supervisor</b>		dr Barbara Korwel Lejkowska				
	<b>Teachers</b>		dr hab. Jarosław Czochoński				
<b>Lesson types</b>	<b>Lesson type</b>	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	<b>Number of study hours</b>	30.0	10.0	0.0	0.0	0.0	40
	E-learning hours included: 0.0						
<b>Learning activity and number of study hours</b>	<b>Learning activity</b>	Participation in didactic classes included in study plan		Participation in consultation hours		Self-study	SUM
	<b>Number of study hours</b>	40		15.0		15.0	70
<b>Subject objectives</b>	Knowledge and skills in environmental diagnosis and creation of environmental protection documents in the planning process and other documents related to land use management						
<b>Learning outcomes</b>	<b>Course outcome</b>		<b>Subject outcome</b>		<b>Method of verification</b>		
	[GPL3_W02] problems, theories and trends in spatial management, taking into account aspects of the natural environment; understands their theoretical and practical significance		lists the problems of resources and environmental threats and trends in solving them in planning strategic-operational and spatial		[SW4] test/exam - oral or written [SW2] presentation/project/paper/report		
	[GPL3_W09] at an advanced level, subsystems of the natural environment and the human life environment, interactions and contemporary trends of changes between these subsystems		Explains the interaction of the natural environment subsystem and the human living environment in land use development		[SW4] test/exam - oral or written [SW2] presentation/project/paper/report		
	[GPL3_W07] forms, methods and tools for shaping spatial development		Explains the methods and tools of environmental protection in the process of spatial and strategic-operational planning		[SW4] test/exam - oral or written [SW2] presentation/project/paper/report		
	[GPL3_U08] perform complex research tasks or expertise in the field of spatial management under the guidance of a scientific supervisor, alone and in a team, and present the results of the research in a written and oral form in Polish and in a foreign language		models solutions for environmental diagnosis and protection in the spatial and strategic-operational planning process		[SU2] presentation/project/paper/report		

Subject contents	<ul style="list-style-type: none"> <li>• Scope of environmental issues in the spatial planning document system</li> <li>• Administrative bodies and institutions and their competencies in spatial planning for environmental issues</li> <li>• Types of planning and strategic documents and their scope - in terms of type and content (ecophysiographic studies, landscape audit, OSP, PGO, PGN, etc.)</li> <li>• Types of diagnostic and implementation documents in the field of environmental protection (protection plans, plans of protection tasks, decisions on environmental conditions, etc.).</li> <li>• Linking types of planning and strategic documents with spatial management issues - scope of regulations and legal conditions (synthesis)</li> <li>• Principles of implementing environmental issues into planning and strategic documents.</li> <li>• Procedures and relations between documentation and the spatial and strategic planning system - including environmental issues</li> <li>• Landscape audit - scope and principles of implementing its results into the spatial planning system</li> <li>• Procedures and outline of the environmental protection system in strategic and spatial planning</li> <li>• Diagnosis of the condition and functioning of the environment for the purposes of spatial planning and development strategy</li> <li>• Types of diagnostic documents in spatial development and regional policy and environmental protection</li> <li>• Sectoral planning and strategic documents (for agriculture, forestry, tourism, transport, water management, marine management and others).</li> <li>• Issues of environmental resources and threats in strategic and spatial planning</li> <li>• Public participation in spatial planning and environmental protection procedures</li> <li>• Sozological solutions for the development of strategic, operational and planning documents at local, regional and national levels</li> <li>• Sources of information on the state of the environment and threats - ability to select sources, scope of information and synthesis - in specific conditions for the preparation of development documents</li> </ul>											
Prerequisites and co-requisites	knowledge and skills in the field of environmental basics and determinants of spatial management											
Assessment methods and criteria	<table border="1"> <thead> <tr> <th data-bbox="451 757 794 801">Subject passing criteria</th> <th data-bbox="794 757 1145 801">Passing threshold</th> <th data-bbox="1145 757 1487 801">Percentage of the final grade</th> </tr> </thead> <tbody> <tr> <td data-bbox="451 801 794 835">project</td> <td data-bbox="794 801 1145 835">51.0%</td> <td data-bbox="1145 801 1487 835">40.0%</td> </tr> <tr> <td data-bbox="451 835 794 869">written exam</td> <td data-bbox="794 835 1145 869">51.0%</td> <td data-bbox="1145 835 1487 869">60.0%</td> </tr> </tbody> </table>			Subject passing criteria	Passing threshold	Percentage of the final grade	project	51.0%	40.0%	written exam	51.0%	60.0%
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Recommended reading	Basic literature	<ul style="list-style-type: none"> <li>• Law on spatial planning and development of 2003.</li> <li>• Act on providing information on the environment and its protection, public participation in environmental protection and environmental impact assessments of 2008.</li> <li>• Environmental Protection Act of 2001</li> <li>• The Nature Conservation Act of 2004</li> <li>• Bezubik K., Czochoński J., Hałuzo M., Kubicz G., Mazurkiewicz B., Pomierski E., Radziszewska G., Rekowska J., Rudzińska A., 2014, Update of the Ecophysiographic Study for the Spatial Management Plan of Pomorskie Voivodeship, Gdańsk Słupsk: Pomorskie Biuro Planowania Regionalnego.</li> <li>• Bródka S., 2010 (red.), Practical aspects of environmental assessments, Bogucki Wyd. Naukowe, Poznań.</li> <li>• Kistowski M., Pchalek M., 2009, Natura 2000 in spatial planning - the role of ecological corridors, Ministry of the Environment, Warszawa.</li> <li>• Korwel-Lejkowska B., 2016, Analysis of selected hazards of settlement development in gminas of Pomorskie Voivodeship in the context of sustainable development, (w:) Richling A., Zbucki Ł. (ed.), Rozwój zrównoważony w różnych typach krajobrazu [Sustainable development in different types of landscape], Problemy Ekologii Krajobrazu, t. XLII, PAEK, PSW im. Jana Pawła II, Warszawa-Biała Podlaska, p. 87-100.</li> <li>• Przewoźniak M., Czochoński J.T., 2020, The natural basis of spatial management. A pro-ecological approach. Wyd.Nauk. Bogucki, Poznań, pp.416</li> </ul>										
	Supplementary literature	<ul style="list-style-type: none"> <li>• Dutkowski M., 1995, Conflicts in the management of environmental assets, Wydawnictwo Uniwersytetu Gdańskiego, Gdańsk.</li> <li>• Racinowski R., 1987, An introduction to settlement physiography, PWN, Warszawa.</li> <li>• Sołowiej D., 1992, Fundamentals of methodology for the assessment of the human environment, Wyd. Nauk. UAM, Poznań</li> </ul>										
	eResources addresses	<p>Basic</p> <p><a href="https://isap.sejm.gov.pl/isap.nsf/search.xsp">https://isap.sejm.gov.pl/isap.nsf/search.xsp</a> - ISAP - Internet System of Legal Acts</p>										

<p>Example issues/ example questions/ tasks being completed</p>	<ul style="list-style-type: none"> <li>• Characteristics of the scope of environmental contents in spatial planning documents - in the scope resulting from the Acts of law</li> <li>• Characteristics of the scope of environmental contents in planning documents and environmental protection documents at the local level</li> <li>• Analysis of the content and assessment of the effectiveness of planning documents in terms of environmental activities (analysis of objectives, directions of development, tools and sources of financing, monitoring, etc.).</li> <li>• Development of a selected environmental issue for a designated spatial planning document - selection of content, sources, synthesis of information</li> <li>• What powers in the field of nature / environmental protection and spatial planning does the Regional Parliament have - what documents are subject to resolutions of the Regional Parliament ?</li> <li>• What - in legal terms - is the protection of agricultural and forest land - what act of law regulates it ?</li> <li>• What is the importance of forest land for the functioning of the environment and for the economy and human life</li> <li>• What natural hazards of space and population are compulsorily taken into account in planning documents at the municipal level - according to the Law on Spatial Planning and Development of 2003</li> </ul>
<p>Work placement</p>	<p>Not applicable</p>

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