

Subject card

Subject name and code	Environmental issues in the spatial planning system, PG_00191744						
Field of study	Spatial Management						
Date of commencement of studies	October 2027		Academic year of realisation of subject		2028/2029		
Education level	Bachelor's 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	4		ECTS credits		3.0		
Learning profile	academic		Assessment form		exam		
Conducting unit	Division of Landscape and Environmental Studies -> Institute of Socio-Economic Geography and Spatial Management -> Faculty of Social Sciences -> Rector						
Name and surname of lecturer (lecturers)	Subject supervisor		dr Barbara Korwel Lejkowska				
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	30.0	10.0	0.0	0.0	0.0	40
	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	40		0.0		35.0	75
Subject objectives	Knowledge and skills in environmental diagnosis and creation of environmental protection documents in the planning process and other documents related to land use management						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	[GPL3_U08] performs complex research tasks or demonstrates expertise in the field of spatial management under the guidance of a scientific supervisor, alone and in a team, and presents 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		
	[GPL3_W02] knows 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_W07] knows and understands the 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_W09] knows and understands 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		

Subject contents	• Scope of environmental issues in the spatial planning document system • Administrative bodies and institutions and their competencies in spatial planning for environmental issues • Types of strategic and planning documents and their scope - in terms of type and content (ecophysiological studies, landscape audit, strategy, Regional Spatial Development Plan, General Municipal Plan, Local Spatial Development Plan, OSP, PGO, PGN, etc.) • Types of diagnostic and implementation documents in the field of environmental protection (protection plans, plans of protection tasks, decisions on environmental conditions, etc.). • Linking types of strategic and planning documents with spatial management issues - scope of regulations and legal conditions (synthesis) • Principles of implementing environmental issues into strategic and planning documents. • Procedures and relations between documentation and the strategic and spatial planning system - including environmental issues • Landscape audit - scope and principles of implementing its results into the spatial planning system • Procedures and outline of the environmental protection system in strategic and spatial planning • Diagnosis of the condition and functioning of the environment for the purposes of spatial planning and development strategy • Types and role of diagnostic documents in spatial development and planning • Regional policy and environmental and landscape protection • Sectoral strategic and planning documents (for energy sector, agriculture, forestry, tourism, transport, water management, marine management and others). • Issues of environmental resources and threats in strategic and spatial planning • Public participation in spatial planning and environmental protection procedures • Sociological solutions for the development of strategic, operational and planning documents at local, regional and national levels • 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		
Prerequisites and co-requisites	knowledge and skills in the field of environmental basics and determinants of spatial management		
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	written exam	51.0%	60.0%
	project	51.0%	40.0%
Recommended reading	Basic literature	• Law on spatial planning and development of 2003. • Act on providing information on the environment and its protection, public participation in environmental protection and environmental impact assessments of 2008. • Environmental Protection Act of 2001 • The Nature Conservation Act of 2004 • Bezubik K., Czocharński J., Hałuzo M., Kubicz G., Mazurkiewicz B., Pomierski E., Radziszewska G., Rekowski J., Rudzińska A., 2014, Update of the Ecophysiological Study for the Spatial Management Plan of Pomorskie Voivodeship, Gdańsk Słupsk: Pomorskie Biuro Planowania Regionalnego. • Bródka S., 2010 (red.), Practical aspects of environmental assessments, Bogucki Wyd. Naukowe, Poznań. • Kistowski M., Pchalek M., 2009, Natura 2000 in spatial planning - the role of ecological corridors, Ministry of the Environment, Warszawa. • 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. • Przewoźniak M., Czocharński J.T., 2020, The natural basis of spatial management. A pro-ecological approach. Wyd.Nauk. Bogucki, Poznań, pp.416	
	Supplementary literature	• Dutkowski M., 1995, Conflicts in the management of environmental assets, Wydawnictwo Uniwersytetu Gdańskiego, Gdańsk. • Racinowski R., 1987, An introduction to settlement physiography, PWN, Warszawa. • Sołowiej D., 1992, Fundamentals of methodology for the assessment of the human environment, Wyd. Nauk. UAM, Poznań	
	eResources addresses		
	Example issues/ example questions/ tasks being completed	• Characteristics of the scope of environmental contents in spatial planning documents - in the scope resulting from the Acts of law • Characteristics of the scope of environmental contents in planning documents and environmental protection documents at the local level • 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.). • Development of a selected environmental issue for a designated spatial planning document - selection of content, sources, synthesis of information • 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 ? • What - in legal terms - is the protection of agricultural and forest land - what act of law regulates it ? • What is the importance of forest land for the functioning of the environment and for the economy and human life • 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	

Work placement	Not applicable
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