

Subject card

Subject name and code	Field workshop - Environmental elements of spatial management, PG_00191731						
Field of study	Spatial Management						
Date of commencement of studies	October 2026	Academic year of realisation of subject			2026/2027		
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	1	Language of instruction			Polish		
Semester of study	2	ECTS credits			2.0		
Learning profile	academic	Assessment form			credit		
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	0.0	30.0	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		0.0		20.0	50
Subject objectives	the ability to assess regional and local natural conditions for socio-economic development, including land use, based on natural resources and constraints; learning to conduct field research;						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[GPL3_W08] knows and understands the principles of operating basic equipment, devices and software used to obtain and process geographical information and spatial planning	defines forms, methods and tools of environmental and landscape protection	[SW2] presentation/project/paper/report [SW5] implementation of a problem task
	[GPL3_W05] knows and understands conditions and processes of spatial management, with particular regard to the specifics of Polish maritime areas and the voivodeships of northern Poland	lists and describes natural conditions and processes of spatial management with particular emphasis on the physical-geographical specificity of the coastal zone of the Southern Baltic, the South Baltic Coastland and South Baltic Lakelands	[SW2] presentation/project/paper/report [SW5] implementation of a problem task
	[GPL3_W02] knows problems, theories and trends in spatial management, taking into account aspects of the natural environment; understands their theoretical and practical significance	defines problems in spatial management taking into account aspects of the natural environment, understands their practical significance	[SW2] presentation/project/paper/report [SW5] implementation of a problem task
	[GPL3_U04] makes the correct selection of basic quantitative methods (including field research), uses them in the analysis of spatial diversity of natural, social or economic phenomena and also makes a correct interpretation of the results on the basis of the specificity of selected methods	individually or in cooperation with others as part of teamwork, carries out field observations of land development and, based on these, draws basic conclusions about the impact of development on the natural environment and landscape in a given area	[SU2] presentation/project/paper/report [SU5] implementation of a problem task
[GPL3_K04] is ready to initiate and actively participate in activities for the benefit of spatial order and sustainable development of the region, country and Europe	plans to participate in public interest activities on natural land use conditions	[SK2] presentation/project/paper/report	
Subject contents	<ul style="list-style-type: none"> Selected forms of nature conservation in Pomorskie Voivodeship Natural conditions and barriers to the development of selected physical-geographical regions in Pomorskie voivodeship (in particular in the coastal zone: types of sea shores, problem of flood hazard etc.) Recognition and assessment of the state of preservation of green areas Tourism investment and environmental threats in the lakeside and coastal zones Opportunities to mitigate spatial collisions between environmental values and development, especially in protected areas Field examples of the influence of environmental conditions on spatial development possibilities and the impact of development on the environment Changes in spatial development and their impact on the condition and functioning of the environment 		
Prerequisites and co-requisites	<p>knowledge of the content of the subject Environmental foundations of spatial management;</p> <p>ability to read maps</p>		
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	participating in a field session	51.0%	25.0%
	preparing and presenting a given topic	51.0%	75.0%

Recommended reading	Basic literature	<ul style="list-style-type: none"> • Korwel-Lejkowska B., 2016, Analysis of selected threats to the development of settlements in gminas of Pomorskie Voivodeship in the context of sustainable development, (in:) Richling A., Zbucki Ł. (ed.), Rozwój zrównoważony w różnych typach krajobrazu, Problemy Ekologii Krajobrazu, t. XLII, PAEK, Państwowa Szkoła Wyższa im. Jana Pawła II, Warszawa-Biała Podlaska, pp. 87-100 • Korwel-Lejkowska B., Topa E., 2017, Accessibility of urban parks as elements of green infrastructure in Gdańsk, Rozwój Regionalny i Polityka Regionalna vol. 37, UAM, Poznań, pp. 61-73 • Korwel-Lejkowska B., Czocharński J.T., 2017, Status, importance and threats of green areas in the metropolis and its surroundings, Metropolitan Przegląd Naukowy, 2(8)/2017, pp. 58-67. • Poczobut J., 2020, Spatial and landscape changes in the housing development of Gdańsk suburban villages, in Quaestiones Geographicae, vol. 39, no. 2, pp. 113-128, • Przewoźniak M., Czocharński J.T., 2020, The natural basis of spatial management. A pro-ecological approach, Bogucki Wydawnictwo Naukowe, Gdańsk-Poznań. • Richling A. (ed.), 1993, Methods of detailed studies of physical geography, PWN, Warsaw.
	Supplementary literature	cartographic resources available on the Geoportal
	eResources addresses	
Example issues/ example questions/ tasks being completed	<ul style="list-style-type: none"> • Condition of existing forms of nature conservation and sites proposed for area protection • Characteristics of green areas in towns • Threats to the landscape 	
Work placement	Not applicable	

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