

Subject card

Subject name and code	Landscaping and protection - project, PG_00150481						
Field of study	Spatial Management						
Date of commencement of studies	October 2024	Academic year of realisation of subject			2025/2026		
Education level	Bachelor's studies	Subject group			Obligatory subject group in the field of study Humanistic-social subject group		
Mode of study	full-time studies	Mode of delivery			at the university		
Year of study	2	Language of instruction			Polish Polish		
Semester of study	3	ECTS credits			4.0		
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 hab. Jarosław Czochański				
	Teachers		dr Barbara Korwel Lejkowska mgr Paweł Druet				
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	30.0	20.0	0.0	0.0	50
	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	50		30.0		30.0	110
Subject objectives	The aim of the course is the practical mastering of the principles of shaping and using space under conditions of sustainable development; recognising environmental threats and applying tools to counteract them; mastering the skills of assessing and predicting natural processes, threats and impacts on the human living environment and acquiring the ability to assess relationships in the living environment and using the acquired knowledge for the purposes of rational human space management.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[GPL3_U01] formulate and solve complex and unusual problems of spatial management in accordance with the principles of sustainable development and spatial order	the student should identify, evaluate and solve spatial management problems - including atypical and problematic situations and solutions - applying the principles of sustainable development	[SU2] presentation/project/paper/report [SU5] implementation of a problem task
	[GPL3_K02] critically assess knowledge and obtained content with regard to methods and forms of spatial development, sustainable development and spatial order	Students should be able to critically evaluate their knowledge and be able to critically evaluate ways and forms of spatial development, sustainable development and spatial governance	[SK2] presentation/project/paper/report [SK5] implementation of a problem task
	[GPL3_K01] make decisions independently and be responsible for the effects of their own actions and those of their team's	The student should be prepared substantively and mentally to make decisions independently and to take responsibility for the consequences of his/her own actions and those of his/her team	[SK1] oral statement/conversation/discussion [SK2] presentation/project/paper/report [SK8] observation of student's independent or team work
	[GPL3_U04] make the correct selection of basic quantitative methods (including field research), use them in the analysis of spatial diversity of natural, social or economic phenomena and also make a correct interpretation of the results on the basis of the specificity of selected methods	Students should be able to apply appropriate substantive solutions, using qualitative, quantitative and field methods - including spatial, environmental and landscape analyses and syntheses, and interpret the results of the work obtained	[SU2] presentation/project/paper/report [SU5] implementation of a problem task
	[GPL3_K03] identify and resolve cognitive problems related to the profession in accordance with the latest knowledge in the field of spatial management, including expert opinions	the student should identify situations and problems in spatial management, using professional and expert knowledge and tools of spatial management, spatial planning, urban planning and environmental protection	[SK2] presentation/project/paper/report [SK5] implementation of a problem task
	[GPL3_K06] care for the achievements and traditions of the profession, and comply with the principles of professional ethics by themselves and to demand that from others	Students should be able to maintain the quality and impartiality of their studies - including assessments and opinions and professional ethics	[SK2] presentation/project/paper/report [SK8] observation of student's independent or team work
[GPL3_W06] forms, methods and tools for space protection (environment, landscape, cultural heritage)	The student should know and be able to apply the spatial protection tools relevant to the subject of the study and be familiar with the statutory scope of restrictions relevant to forms of protection.	[SW2] presentation/project/paper/report [SW5] implementation of a problem task	
Subject contents	<ul style="list-style-type: none"> • Environmental protection in spatial planning, • Methods of reducing anthropopressure, • Analysis of the state of the natural environment of a selected area in the zoological aspect, • Familiarisation with the method of geocomplexes (determination of elementary landscapes from a topographic map, soil types from a soil-agricultural map) and preparation of a sample landscape map, • Analysis of the landscape map (landscape contrast, selected indices of abundance, area, relationship), • Familiarisation with the model of patches - matrix-corridors, • Attempt at typology of patches and corridors, determination of their functions in the environment and indications for spatial management, • Project work using specialised software 		
Prerequisites and co-requisites	knowledge and skills acquired in the subjects included in the first year programme		
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	ocena cząstkowa wykonanych zadań oraz końcowa projektu	50.0%	100.0%

Recommended reading	Basic literature	Environmental Protection Act;The Law on Nature Protection; The Law on Water Law;The Act on the protection of agricultural and forest land;Boć J., Nowacki K., Samborska-Boć E., 2004, Environmental Protection, Cologne Limited.Cieszewska A., 1998, Model of patches and corridors and its application, Warsaw.
	Supplementary literature	Czochański J.T., Wiśniewski P., 2018: River valleys as ecological corridors structure, function and importance in the conservation of natural resources. Ecological Questions, 29(1), 7787Dobrzańska D., Dobrzański G., Kielczewski D., 2008, Ochrona środowiska przyrodniczego, PWN, Warszawa.Górka K., Poskrobko B., Radecki W., 2001, Ochrona środowiska, Polskie Wydawnictwo Ekonomiczne, Warszawa.Kozłowski S., 2002, Eco-development. Wyzwanie XXI wieku, PWN, Warszawa.Maciak F., 2003, Ochrona środowiska przyrodniczego, PWN, Warszawa.Ostaszewska K., 2002, Geografia krajobrazu, PWN, Warszawa.Pietrzak M., 2020, Fundamentals and Applications of Landscape Ecology, 2nd ed. PWSZ in Leszno, Leszno
	eResources addresses	
Example issues/ example questions/ tasks being completed	Natural and anthropogenic threats to the environment,Forms of legal protection of natural, landscape and cultural values,making a landscape mapmapping of ecological patches and corridors	
Work placement	Not applicable	

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