

Subject card

Subject name and code	Sozological determinants of spatial management, PG_00150413						
Field of study	Spatial Management						
Date of commencement of studies	October 2025		Academic year of realisation of subject		2025/2026		
Education level	Master's studies		Subject group		Obligatory subject group 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		exam		
Conducting unit							
Name and surname of lecturer (lecturers)	Subject supervisor		dr hab. Mariusz Kistowski				
	Teachers		dr Sylwia Horska-Schwarz				
			dr hab. Mariusz Kistowski				
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	20.0	10.0	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		15.0		20.0	65
Subject objectives	1 To be familiar with natural and anthropogenic changes in the environment.2. knowledge of forms of environmental protection.3. to identify and discuss the conditions determining the quality of human life.4.To become familiar with procedures and documents in the field of shaping and protecting natural resources, environment, landscape and space. AcquiringThe student will acquire the ability to analyse the state of the environment and to develop environmental protection guidelines. 5.5 To master the terminology of the environmental determinants of the quality of life and its application.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[GPMU2_U05] formulate and test hypotheses regarding determinants (natural, social, economic, cultural, legal) of spatial management	Be able to attempt to formulate theses and hypotheses and then verify and test them in relation to spatial management conditions (in natural, social, economic, legal or cultural terms).	[SU2] presentation/project/paper/report [SU5] implementation of a problem task
	[GPMU2_K02] solve cognitive and practical problems in the field of economic and social geography based on acquired knowledge in cooperation with various entities, including representatives of local government units	is willing to solve practical and theoretical problems in the field of geography in the broad sense of the term in connection with various subjects (local government units)	[SK5] implementation of a problem task
	[GPMU2_U02] properly select sources and information derived from them, with particular regard to sources of spatial information, evaluate them critically and interpret them creatively	Be able to select sources and information, including spatial information sources, and to evaluate and interpret them	[SU2] presentation/project/paper/report [SU5] implementation of a problem task
	[GPMU2_U01] formulate and solve complex and unusual problems of spatial management and propose their innovative solutions taking into account the unpredictability of spatial processes	The student is able to identify and analyse, formulate and solve complex and non-standard spatial management problems; suggest new, innovative solutions in a way that takes into account evolving spatial processes.	[SU2] presentation/project/paper/report [SU5] implementation of a problem task
	[GPMU2_K03] initiate and organise activities for the benefit of society and environmental protection of the region, country and Europe in cooperation with various entities and authorities at various levels	is willing to initiate and organise projects for the benefit of the public and for the protection of the natural environment of the region, the country or Europe in cooperation with local authorities	[SK2] presentation/project/paper/report
	[GPMU2_W03] to a deeper extent the conditions (natural, social, economic, cultural, legal) of processes taking place in spatial management, with particular emphasis on the specifics of Polish maritime areas and voivodships of northern Poland	in an advanced and in-depth study of the processes and phenomena and conditions (natural, social, economic, cultural and legal) occurring in the spatial economy, taking into account the specific location of the coastal region	[SW1] oral statement/conversation/discussion [SW2] presentation/project/paper/report
Subject contents	Programme contentA. Problems of the lecture:A.1. Terminology, importance in contemporary processes of human environment development.A.2 Formal and legal aspects of environment protection.A.3 Assessment of the state of the environment and the degree of its degradation. Comfort versus quality of human life.A.4 Counteracting degradation - methods and possibilities. Indications for shaping and protecting the environment.B. Problems of exercises:B.1 Hazard identification. Negative and positive changes in the environment;B.2. Assessment of anthropogenic impact on the environment and its influence on the quality of human life.		
Prerequisites and co-requisites	knowledge of the structure of the geographical environment, understanding of the interaction between the components of the environment and human activities; knowledge of and ability to synthesise information from several sources; identification of anthropogenic factors and impacts, and verification and assessment of the impact of different impacts		
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Exam	51.0%	50.0%
	Credit work	51.0%	50.0%
Recommended reading	Basic literature	- GIS - 4 Mapa Sozologiczna Polski w skali 1:50 000. Wytyczne Techniczne, 2005, GUGi K, Warszawa.- Barnier M., 2002, Atlas wielkich zagrożeń, Wyd Naukowo-Techniczne, Warszawa.A.2. studiowana samodzielnie przez studenta:- Opracowanie ekofizjograficzne do Planu Zagospodarowania przestrzennego Województwa Pomorskiego, Pomorskie Studia Regionalne, 2001,UMWP, Gdańsk.- Raporty o stanie środowiska województwa pomorskiego według badań monitoringowych prowadzonych w poszczególnych latach.- Wytyczne techniczneGIS-4. Mapa Sozologiczna Polski w skali1:50 000 w formie analogowej i numerycznej, 2005, GUGiK, Warszawa.- Komentarze do map sozologicznych w skali 1:50 000 oraz mapy tematyczne	
	Supplementary literature	Maciak F., 2003, Ochrona i rekultywacja środowiska, Wyd. SGGW, Warszawa.	
	eResources addresses		
Example issues/example questions/tasks being completed	The total mark for the course is the resultant grade from the components obtained -credits from exercises (50% of the final mark) and examination from the lecture (50% of the final mark).of the final mark); independently, a minimum of 51% of the sum of points in the exercise part (student's own work and tests) should be obtained.exercise part (students' own work and colloquia) and a minimum of 51% of the sum of points from theexamination in the lecture part (open and closed questions test).		
Work placement	Not applicable		

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