

Subject card

Subject name and code	Shaping of natural and cultural environments, PG_00201347						
Field of study	Spatial Management						
Date of commencement of studies	October 2026	Academic year of realisation of subject			2027/2028		
Education level	Master'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	3	ECTS credits			4.0		
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 inż. Joanna Poczobut				
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	45.0	20.0	0.0	0.0	0.0	65
	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	65		8.0		27.0	100
Subject objectives	Familiarisation with threats to the natural and cultural environment and the importance of human-environment relations; general principles of shaping and using space within the framework of sustainable development; basic types of shaping the natural and cultural sphere of the environment in spatial terms Emphasise the importance of shaping an appropriate quality of the environmental structure for sustainable development Underline the role of landscape quality as an aesthetic category exposing the values of the natural and cultural sphere						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[GPMU2_W04] lists in-depth methods and tools (quantitative, qualitative, cartographic) of research in spatial management	identifies and makes extensive use of forms, methods and tools for the protection of space (environment, landscape, cultural heritage)	[SW4] test/exam - oral or written [SW2] presentation/project/paper/report
	[GPMU2_W02] defines the complexity of the concept of sustainable development and spatial order, and understands their importance for spatial management	recognises and applies the concepts of sustainable development and spatial order and understands their significance for spatial management	[SW4] test/exam - oral or written [SW2] presentation/project/paper/report
	[GPMU2_U01] formulates and solves complex and unusual problems of spatial management and proposes their innovative solutions, taking into account the unpredictability of spatial processes	applies a broad interdisciplinary approach in spatial planning practice to identify and solve complex problems in accordance with sustainable development principles	[SU2] presentation/project/paper/report [SU4] test/exam - oral or written
	[GPMU2_K04] is ready to develop the profession's achievements, upholding its ethos, observing the principles of professional ethics by themselves and demanding it from others	identifies and resolves professional dilemmas in accordance with sustainable development principles	[SK3] text preparation/written work
	[GPMU2_K03] is ready to 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	actively participates in activities to preserve the cultural heritage of the country and the region	[SK3] text preparation/written work
[GPMU2_K02] is ready to 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	cooperates effectively to a large extent with specialists from various fields (urban planning, law, environmental protection, technical infrastructure design), as well as with citizens and entrepreneurs, in the process of shaping spatial order taking into account the principles of sustainable development	[SK3] text preparation/written work	
Subject contents	<p>A. Problems of the lecture</p> <p>A.1 The concept and scope of environmental and landscape shaping.</p> <p>A.2. Equilibrium of landscape and sustainable landscape as objectives and determinants of the scope of environmental shaping.</p> <p>A.3. Main principles of functioning of the natural environment as a basis for its shaping.</p> <p>A.4 Principles, directions and forms of shaping the natural environment.</p> <p>A.5 Examples of studies of shaping rural and urban landscapes from the "Gdańsk school" of geocology.</p> <p>A.6 Protection and shaping of cultural environment as a category of spatial policy.</p> <p>A.7 Properties of cultural environment of a place.</p> <p>A.8 Conditions of spatial policy of the cultural environment protection of a place (locality, region).</p> <p>A.9 Directions of spatial policy of shaping the cultural environment of a place (locality, region).</p> <p>A.10. Space quality management of cultural environment of the place.</p> <p>B. Problems of the exercises</p> <p>B.1 Individual exercise topics for each project team (5-6 persons)</p> <p>B.2 Delimitation of the area of the place according to natural and cultural criteria</p> <p>B.3 Recognition of natural and cultural features of the site</p> <p>B.4 Reconstruction of the process of construction and transformation of the environment of the site (based on cartographic source materials)</p> <p>B.5 Identification of significant factors (natural and cultural) of the identity of the place</p> <p>Diagnosis of the state and prognosis of changes in the environment of the place.</p> <p>B.7 Spatial policy objectives for the protection of the environment of the site</p> <p>B.8 Spatial policy assumptions for the good continuation of the sustainable development of the environment of the place</p> <p>Directions (variant scenarios) of shaping the environment of the place.</p>		
Prerequisites and co-requisites	has knowledge of the components of the natural environment, cultural heritage resources, basics of the protection and shaping of space of the geographical environment, the main methods of analysing and depicting space		
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Writing egzam	51.0%	50.0%
	Credit work	51.0%	50.0%

Recommended reading	Basic literature	A.1. wykorzystywana podczas zajęćBuchwald K., Engelhardt W., 1975, Kształtowanie krajobrazu a ochrona przyrody, PWRiL, Warszawa.Hopfer A, Cymerman R., Nowak R., 1982, Ocena i waloryzacja gruntów wiejskich, PWRiL, Warszawa.Kistowski M., Wiśniewski P., 2020, Krajobraz rolniczy jako przedmiot ochrony i kształtowania (w:) Środowiskowe uwarunkowania realizacji przedsięwzięć w krajobrazie rolniczym województwa kujawsko-pomorskiego, Regionalna Dyrekcja Ochrony Środowiska, Bydgoszcz, s. 30-48.Przewoźniak M., 2002, Kształtowanie środowiska przyrodniczego miast. Przykłady z regionu gdańskiego, Wydział Architektury Polit. Gdańskiej,Gdańsk.Żarska B., 2007, Ochrona krajobrazu, Wyd. SGGW, WarszawaUstawa o ochronie przyrody z 16. IV. 2004 r. (Dz. U nr 92, poz. 880)Ustawa Prawo wodne z 18.VII. 2001 r. (Dz. U nr 115, poz. 1229)Ustawa o ochronie gruntów rolnych i leśnych z 3.II. 1995 r. (Dz. U nr 121, poz. 1226)Ustawa z dnia 23 lipca 2003 r. o ochronie zabytków i opiece nad zabytkami (Dz.U. nr 162, poz. 1568 z późniejszymi zmianami)A.2. studiowana samodzielnie przez studentaBartkowski T., 1981, Kształtowanie i ochrona środowiska, PWN, Warszawa-Poznań.Gosztyła M., Pasztor P., 2013, Konserwacja i ochrona zabytków architektury, Rzeszów.Kadłuczka A., 2000, Ochrona zabytków architektury. Zarys doktryn i teorii (t.1), Kraków.Małachowicz E., 1988, Ochrona środowiska kulturowego, PWN, Warszawa.Małachowicz E., 2007, Konserwacja i rewaloryzacja architektury w środowisku kulturowym, Warszawa.Rymaszewski B., 2005, Polska ochrona zabytków, Warszawa.Tomaszewski A. (red.), 2000, Badania i ochrona zabytków w Polsce w XX wieku, Warszawa.Zalasińska K., Zeidler K., 2015, Wykład prawa ochrony zabytków, Warszawa-Gdańsk.
	Supplementary literature	czasopismo AuraFeilden B.M., Jokilehto J., 1998, Management Guidelines for World Cultural Heritage Sites, ICCROM, Romeakty prawne odnoszące się do ochrony środowiska, w tym Prawo ochrony środowiska z 27.IV. 2001 r. (Dz. U nr 62, poz. 627) i Ustawa o lasach z28.IX.1991 r. (Dz. U nr 101 poz. 444)Rozporządzenie Ministra Kultury i Dziedzictwa Narodowego z dnia 28 kwietnia 2017 r. w sprawie Listy Skarbów Dziedzictwa (Dz. U. 2017 poz.928)Poczobut J., 1996, Ochrona konserwatorska terenu dolin Potoku Oliwskiego w Gdańsku - Oliwie; maszynopis, praca kończąca Podyplomowe Studium Konserwacji Zabytków Urbanistyki i Architektury na Wydziale Architektury Politechniki Warszawskiej, Warszawa-Gdańsk.Poczobut J., 2004, Rewitalizacja zabytkowych zespołów zabudowy mieszkaniowej na przykładach małych miast Polski północnej wobec zasad zrównoważonego rozwoju; maszynopis, praca doktorska, promotor: prof. Wiesław Anders, Gdańsk.
	eResources addresses	
Example issues/ example questions/ tasks being completed	Lecture: written exam Exercises: performance of a credit work - preparation of a project-- written test performance of a test paper - research and presentation conducting research and presenting its results- Basic assessment criteria The total mark for the course is the result of the obtained components -credits from exercises (50% of the final mark) and examination from the lecture (50% of the final mark); independently, a minimum of 51% of the sum of points in the exercise part of the exercise part (students' own work and colloquia) and a minimum of 51% of the sum of points from the examination in the lecture part (open and closed questions test).	
Work placement	Not applicable	

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