University of Gdańsk

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 termsEmphasise the importance of shaping an appropriate quality of the environmental structure for sustainable developmentUnderline 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_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
[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_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_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_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_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

Subject contents

A. Problems of the lectureA.1 The concept and scope of environmental and landscape shaping.A.2. Equilibrium of landscape and sustainable landscape as objectives and determinants of the scope of environmental shaping.A.3. Main principles of functioning of the natural environment as a basis for its shaping.A.4 Principles, directions and forms of shaping the natural environment.A.5 Examples of studies of shaping rural and urban landscapes from the "Gdańsk school" of geoecology.A.6 Protection and shaping of cultural environment as a category of spatial policyA.7 Properties of cultural environment of a placeA.8 Conditions of spatial policy of the cultural environment protection of a place (locality, region)A.9 Directions of spatial policy of shaping the cultural environment of a place (locality, region)A.10. Space quality management of cultural environment of the place.B. Problems of the exercisesB.1 Individual exercise topics for each project team (5-6 persons)B.2 Delimitation of the area of the place according to natural and cultural criteriaB.3 Recognition of natural and cultural features of the siteB.4 Reconstruction of the process of construction and transformation of the environment of the site (based on cartographic source materials)B.5 Identification of significant factors (natural and cultural) of the identity of the placeDiagnosis of the state and prognosis of changes in the environment of the place.B.7 Spatial policy objectives for the protection of the environment of the siteB.8 Spatial policy assumptions for the good continuation of the sustainable development of the environment of the placeDirections (variant scenarios) of shaping the environment of the place.

Prerequisites and co-requisites

has knowledge of the components of the natural environment, cultural heritage resources, basics of the protection and shaping of spaceof 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 realizacjiprzedsięwzięć 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 Usta-wa 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 PodyplomoweStudium 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 zasadzrównoważonego rozwoju; maszynopis, praca doktorska, promotor: prof. Wiesław Anders, Gdańsk.
	eResources addresses	
Example issues/ example questions/ tasks being completed	Lecture: written examExercises: performance of a credit work - preparation of a project-- written testperformance of a test paper - research and presentationconducting research and presenting its results-Basic assessment criteriaThe 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).of the final mark); independently, a minimum of 51% of the sum of points in the exercise part of theexercise 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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