

Subject card

Subject name and code	Architectural and urban determinants of spatial management, PG_00168192						
Field of study	Land Management						
Date of commencement of studies	October 2025		Academic year of realisation of subject		2025/2026		
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		8.0		
Learning profile	academic		Assessment form				
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	110.0	30.0	0.0	0.0	0.0	140
	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	140		30.0		50.0	220
Subject objectives	To learn about the complexity and interdisciplinary nature of space management, to become familiar with the essence and history of architecture and urban planning; to be able to evaluate space; to identify landscape forms and qualities; to learn about the principles of shaping high-quality public spaces; to learn about the principles and elements of landscape composition.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[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	carries out field observations of land use and, based on these, draws basic conclusions about the state of land use in the study area	[SU2] presentation/project/paper/report [SU5] implementation of a problem task
	[GPL3_W06] forms, methods and tools for space protection (environment, landscape, cultural heritage)	presents forms, methods and tools for the protection of space (environment, landscape, cultural heritage)	[SW1] oral statement/conversation/discussion [SW2] presentation/project/paper/report [SW5] implementation of a problem task
	[GPL3_W07] forms, methods and tools for shaping spatial development	lists the forms, methods and tools of spatial planning (environment, landscape, cultural heritage)	[SW1] oral statement/conversation/discussion [SW2] presentation/project/paper/report [SW5] implementation of a problem task
	[GPL3_W01] at an advanced level, the interdisciplinary nature of spatial management and the need for multidimensional approaches in spatial policy	lists the multi-criteria considerations for architecture and urban design	[SW1] oral statement/conversation/discussion [SW2] presentation/project/paper/report [SW5] 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	identifies and resolves professional dilemmas in accordance with the public interest and sustainable development principles	[SK2] presentation/project/paper/report [SK5] implementation of a problem task
	[GPL3_K04] initiate and actively participate in activities for the benefit of spatial order and sustainable development of the region, country and Europe	demonstrates responsibility for preserving the cultural heritage of the region, country, Europe	[SK2] presentation/project/paper/report [SK5] implementation of a problem task
	[GPL3_U02] correctly identify and explain the conditions of spatial management of a particular area and forecast the impact of basic social processes on the structure of spatial development, and on this basis propose adequate actions within spatial policy, in particular in relation to Polish maritime areas and voivodeships of northern Poland	proposes measures to develop high-quality public spaces in harmony with the social, economic and political conditions of the area in question	[SU2] presentation/project/paper/report [SU5] implementation of a problem task
	[GPL3_U08] perform complex research tasks or expertise in the field of spatial management under the guidance of a scientific supervisor, alone and in a team, and present the results of the research in a written and oral form in Polish and in a foreign language	analyses and designs proposals for shaping the space of a specific area	[SU2] presentation/project/paper/report [SU5] implementation of a problem task

Subject contents	A. Problems of lectures: Part 1: Definitions and legal norms of landscape. Perception of landscape. Features, characteristics of landscapes and elements of landscape composition. Analysis and valorization of landscape composition. Greenery in landscape composition. Elements of settlement history - historical landscapes, types of village layout. Principles of protection and shaping of cultural landscape. Work workshop and professional ethics of a landscape architect. Part 2: Fundamentals of architectural design. Elements of building architecture. Building construction; from the foundation to the roof. Building materials and technologies - fundamentals of construction. Designing spaces for people with disabilities. Ergonomics of space. Development of the building environment; applicable regulations. Part 3: Introduction to the history of urban planning. A brief history of architecture and urban planning - from antiquity to the present (including: prehistory, cities of antiquity, the Middle Ages in Europe, the emergence and development of cities in the lands of Poland, the modern period, modernity in city planning).
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Part 4:

Compact city - the main attributes of a city with a good quality of life

Let's talk about the parameters of a good settlement - principles of designing multi-functional urban structures

Resilient city - in times of climate crisis - designing climate-resilient cities

Adaptable city - urban solutions designed with climate in mind

Smart city and new technologies in the city - their role in shaping better cities

Walkability first! - on why we should design cities for pedestrians and cyclists

From road to street - ways to transform city spaces

Vital city - creating friendly public spaces

Inclusive city - a city for everyone, or who we are leaving out in designing urban solutions today

The right to housing - the basic right of the resident

B. Exercise problems:

Part 1:

Evaluation of landscape composition with author's explanations. Perception of the landscape - "path of impressions".

Features and characteristics of landscape composition - architectural and landscape interior. Principles and elements of landscape composition.

Repairing the contemporary image of public space.

Analysis of macro-landscape structures - panorama. Historical landscapes. Protection and shaping of the cultural landscape - on the example of the development of a selected village.

Workshop of work and professional ethics of a landscape architect.

Part 2:

Architecture versus urbanism (role in space, scale, users). Issues of composition and aesthetics in design.

Introduction to urbanism-basic concepts.

	Urban composition in the structure of the city (components of composition, types of urban interiors). Types of space in cities (public, semi-public, semi-private, etc.) and issues related to shaping the character of the place		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	lecture	51.0%	40.0%
	exercise	51.0%	60.0%
Recommended reading	Basic literature - Lynch K., 2011, Obraz miasta, Wydawnictwo Archiwolta, Kraków - Bogdanowski J., 1976, Kompozycja i planowanie w architekturze krajobrazu, Ossolineum, WrocławWarszawaKrakówGdańsk. - Böhm A., 1994, Architektura krajobrazu jej początki i rozwój, Kraków. - Böhm A., 1998, Wnętrze w kompozycji krajobrazu. wybrane elementy genezy i analizy porównawczej pojęcia, Kraków. - Böhm A., 2006, Planowanie przestrzenne dla architektów krajobrazu, Politechnika Krakowska, Kraków. - Foczek-Brataniec U., 2008, Widok z drogi. Krajobraz w percepcji dynamicznej, FLAMED, Katowice. - Wejchert K., 1984, Elementy kompozycji urbanistycznej, Arkady, Warszawa. - Markiewicz P., Budownictwo ogólne dla architektów, seria: Vademecum Projektanta, Archi-Plus, Kraków 2007; wznowienie 2018. - Neufert E., Podręcznik projektowania architektoniczno-budowlanego, Arkady; Warszawa 2019. - Bobiński S., 1975, Urbanistyka polskich miast przedlokacyjnych, Warszawa. - Cieślak E. (red.), 1978-85, Historia Gdańska (t. III, cz. 2; t. IV, cz. 1), Gdańsk. - Chmielewski J. M., 2001, Teoria urbanistyki w projektowaniu i planowaniu miast. Warszawa. - Czarnecki W., 1965, Planowanie miast i osiedli. T.I, Warszawa,. - Czeszunist A. (red.), 1969, Gdańsk. Jego dzieje i kultura, Warszawa. - Koch W., 1996, Style w architekturze. Bertelsmann Publishing Warszawa. - Książek M., 1994, Materiały pomocnicze do studiów w zakresie historii urbanistyki, Kraków. - Majdecki L., 2007, Historia ogrodów. PWN, Warszawa. - Małachowicz E., 1988, Ochrona środowiska kulturowego. Wrocław. - Ostrowski W., 1996, 2001, Wprowadzenie do historii budowy miast. Ludzie i środowisko. Wyd. Politechniki Warszawskiej. Warszawa. - Paszkowski Z., 2015, Historia idei miasta. Od antyku do renesansu, Szczecin 2015. - 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. - Przyłęcki M., 2004, Zarys dziejów budowy miast i wsi, Wrocław. - Wróbel T., 1971, Zarys historii budowy miast. Warszawa. J. Gehl (2009) Życie między budynkami. Wyd. RAM - Sz. Bujalski (2022) Recepta na lepszy klimat. Zdrowsze miasta dla chorującego świata. Wyd. Wysoki Zamek - Ustawa z dnia 27 marca 2003 r. o planowaniu i zagospodarowaniu przestrzennym (aktualny tekst jednolity) oraz rozporządzenia wykonawcze do ustawy - Ustawa z dnia 7 lipca 1994r. Prawo budowlane (aktualny tekst jednolity) oraz akty wykonawcze do tej ustawy - Dz.U. 2002 nr 75 poz. 690, Rozporządzenie Ministra Infrastruktury z dnia 12 kwietnia 2002 r. w sprawie warunków technicznych, jakim powinny odpowiadać budynki i ich usytuowanie. https://isap.sejm.gov.pl/isap.nsf/DocDetails.xsp?id=WDU20020750690 - Dz.U. 2021 poz. 2351, Obwieszczenie Marszałka Sejmu Rzeczypospolitej Polskiej z dnia 2 grudnia 2021 r. w sprawie ogłoszenia jednolitego tekstu ustawy - Prawo budowlane. https://isap.sejm.gov.pl/isap.nsf/DocDetails.xsp?id=WDU20210002351 J. Jacobs (2017) Śmierć i życie wielkich miast Ameryki. Wyd. Centrum Architektury - Ch. Montgomery (2024) Miasto szczęśliwe. Wyd. Wysoki Zamek J. Erbel (2020) Poza własnością. W stronę udanej polityki mieszkaniowej. Wyd. Wysoki Zamek M. Ch. Bruntlett (2024) Miasto wolne od samochodów. Wyd. Wysoki Zamek		

	Supplementary literature	• Bogdanowski J., 2000, Polskie ogrody ozdobne, Arkady, Warszawa • Novak Z., 1997, Planowanie regionalne i udział w nim architekta, Politechnika Krakowska, Kraków. • Pawłowska K. (red.), 2001, Architektura krajobrazu a planowanie przestrzenne, Politechnika Krakowska, Kraków. • Poczubut J., 2020, Spatial and landscape changes in the housing development of Gdańsk suburban villages, in: Quaestiones Geographicae, vol. 39, nr 2, 2020, ss. 113-128, DOI:10.2478/quageo-2020-0016. • Murator, magazyn budowlany i inne publikacje wydawnictwa; www.murator.pl • Żenczykowski W., Budownictwo ogólne, t. 1., Arkady; Warszawa 1992. Dz.U. 2020 poz. 1609, Rozporządzenie Ministra Rozwoju z dnia 11 września 2020 r. w sprawie szczegółowego zakresu i formy projektu budowlanego;
	eResources addresses	Adresy na platformie eNauczanie:
Example issues/ example questions/ tasks being completed	Protection and shaping of the cultural landscape on the example of the development of a selected village. Spatial composition of a small settlement unit. Preparation of a poster with a synthetic description dedicated to the assigned challenge about the city of the future.	
Work placement	Not applicable	

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