



Subject card

Subject name and code	, PG_00069680						
Field of study	Spatial Development						
Date of commencement of studies	February 2026		Academic year of realisation of subject		2026/2027		
Education level	second-cycle studies		Subject group				
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		5.0		
Learning profile	general academic profile		Assessment form		assessment		
Conducting unit	Department of Urban Design and Regional Planning -> Faculty of Architecture -> Faculties of Gdańsk University of Technology						
Name and surname of lecturer (lecturers)	Subject supervisor		dr inż. arch. Justyna Breś				
	Teachers		dr inż. arch. Justyna Breś				
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	15.0	0.0	30.0	0.0	45
	E-learning hours included: 0.0						
	Additional information: Classes are held in-person, with in-class exercises and project-based activities. Class materials will be made available on the eNauczanie platform after the course for a given semester is created.						
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	45		0.0		0.0	45
Subject objectives	The aim of the course is to familiarize students with the methods and tools used in spatial planning in the process of shaping the coastal zone, i.e., the coastal belt and internal marine waters. Architecture graduates, who are legally authorized to prepare spatial planning documents, should acquire the knowledge and skills necessary to understand planning documents concerning both the land and marine areas, which constitute the territory of many coastal municipalities.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[K7_K03] responsibly fulfills his/her professional role as an urban planner and planner in a way that takes into account the changing social, economic, natural and legal conditions; develops his/her scientific and design achievements guided by the principles of professional ethics	Understands the legal acts that he or she will use as a future urban designer and is able to discuss the provisions of planning documents in a small team.	[SK4] Assessment of communication skills, including language correctness [SK1] Assessment of group work skills
	[K7_U04] plans and carries out computer simulations; uses information and communication technologies in an advanced way; interprets the obtained results and draws conclusions on phenomena related to spatial development	Is able to develop maps at an appropriate scale, illustrating the presented spatial and planning analyses using computer technology and GIS software.	[SU5] Assessment of ability to present the results of task [SU1] Assessment of task fulfilment
	[K7_U07] is able to direct the process of self-education in the field of urban planning, spatial planning and related fields; obtains information from literature and other appropriately selected sources, interprets and critically evaluates them; formulates and extensively justifies his/her opinion and on this basis is able to prepare a short scientific paper; is able to inspire and organize the learning process of others	Students will be familiar with the essential legal sources for coastal spatial planning. They will have a basic understanding of legislative techniques to enable them to understand and interpret spatial planning documents. They will also be able to analyze and critically interpret local spatial development plans, maritime spatial development plans, and other documents directly relevant to the coastal zone. As a result, students will be able to prepare a short analytical paper presenting the conclusions of their planning and spatial analyses.	[SU1] Assessment of task fulfilment [SU3] Assessment of ability to use knowledge gained from the subject
	[K7_U02] analyzes and critically evaluates the existing spatial phenomena and solutions occurring in urbanized structures of different scales (in the district, city, region); indicates solutions to problem situations and determines the appropriate directions of spatial development, taking into account multiple conditions; prepares up elements of planning studies on spatial policy and development strategies of the city and the region	Based on the analyses conducted, he is able to propose creative solutions to identified spatial and planning problems.	[SU5] Assessment of ability to present the results of task
	[K7_W06] knows and understands the concepts and principles of copyright protection and the need to manage intellectual property resources	Knows and complies with the rules of copyright protection and complies with the above when preparing a short scientific paper.	[SW3] Assessment of knowledge contained in written work and projects
	[K7_W04] has in-depth knowledge of issues and technical systems related to the planning, design and implementation of infrastructure projects and urban planning, as well as the life cycle of facilities and systems related to the operation of settlement units	Knows and understands the legal acts shaping the spatial planning system, in particular in the area of contact between the coastal strip and internal sea waters in Poland, and understands the relationships between these acts.	[SW3] Assessment of knowledge contained in written work and projects

Subject contents	Course content – exercises Basic concepts related to coastal spatial planning (space, environment, documents, stakeholders). Functions of land and water areas in the coastal zone of port cities. Characteristics of the planning system at the land-sea interface. Coordination of spatial and planning activities in port cities. Spatial analysis of a selected section of the coastal zone in a selected port city. Planning analysis of the coastal zone in a selected port city. Discussion of conclusions and possible directions for spatial planning in the coastal zone.		
	Course content – project Basic concepts related to coastal spatial planning (space, environment, documents, stakeholders). Functions of land and water areas in the coastal zone of port cities. Characteristics of the planning system at the land-sea interface. Coordination of spatial and planning activities in port cities. Spatial analysis of a selected section of the coastal zone in a selected port city. Planning analysis of the coastal zone in a selected port city. Discussion of conclusions and possible directions for spatial planning in the coastal zone.		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Design studio	50.0%	30.0%
	Seminars	50.0%	70.0%
Recommended reading	Basic literature	• Ustawa z dnia 21 marca 1991 r. o obszarach morskich Rzeczypospolitej Polskiej i administracji morskiej (Dz. U. z 2022 r. poz. 457). • Ustawa z dnia 27 marca 2003 r. o planowaniu i zagospodarowaniu przestrzennym (Dz.U. 2022 poz. 503) • Zaucha, J., 2011. Planowanie przestrzenne obszarów morskich w Polsce i w krajach bałtyckich specyfika, doświadczenia i perspektywy wdrożeniowe. W: <i>Transgraniczne planowanie przestrzenne</i>. Szczecin: Regionalne Biuro Gospodarki Przestrzennej Województwa Zachodniopomorskiego, s. 8999. • Zaucha, J., 2009. <i>Planowanie przestrzenne polskich obszarów morskich. Polskie uwarunkowania i plan pilotażowy</i>. Gdańsk: Instytut Morski w Gdańsku. • Przewoźniak M., 2008. Konflikty w zagospodarowaniu przestrzennym bałtyckiego obszaru przybrzeżnego w Polsce. W: K. Furmańczyk, red. <i>Zintegrowane zarządzanie obszarami przybrzeżnymi w Polsce stan obecny i perspektywy. Część 3: Morze łąd. Wzajemne relacje</i>. Szczecin: Uniwersytet Szczeciński, Instytut Nauk o Ziemi, s. 29-43. • Matczak, M., 2011. Uwarunkowania środowiskowe w procesie rozwoju portów morskich w Polsce. W: M. Grzybowski, M. Pluciński, red. <i>Uwarunkowania realizacji strategii rozwoju polskich portów morskich</i>. Szczecin: Wydawnictwo Naukowe Uniwersytetu Szczecińskiego, s. 89-98. • Kochanowski, M., 1998. <i>Współczesne metamorfozy miast portowych</i>. Gdańsk: Wydawnictwo Politechniki Gdańskiej. • Krośnicka, K., 2012. Wpływ działalności portów na strukturę funkcjonalno-przestrzenną miast, <i>Inżynieria Morska i Geotechnika</i>, nr 5/2012, s. 628-634. • Krośnicka, K., 2018. Miasto portowe- struktura, wyzwania funkcjonalne i modele rozwoju. W: G. Rembarz, red. <i>Mieszkać w Porcie</i>, Warszawa: KPZK PAN. • Krośnicka, K., 2005. <i>Gdańsk. Ewolucja relacji port-miasto na tle rozwoju technologii żeglugi</i>. Gdańsk: Wydawnictwo Politechniki Gdańskiej.	
	Supplementary literature	• Meyer, H., 1999. <i>City and Port: Transformation of Port Cities - London, Barcelona, New York and Rotterdam</i>. Utrecht: International Books. • Ehler, C., Zaucha, J., Gee, K., 2019. Maritime/marine spatial planning at the interface of research and practice. W: J. Zaucha, K. Gee, red. <i>Maritime Spatial Planning past, present, future</i>. Switzerland: Springer International Publishing AG, s. 1-21. • Czeremanski, Ernest & Matczak, Magdalena & Oniszcuk-Jastrzębek, Aneta & Krośnicka, Karolina & Witkowska, Joanna. (2024). MSP for port areas -To what extent should we interfere with governance of ports' waters? Case study of Polish seaports. <i>Marine Policy</i>. 160. 105985. 10.1016/j.marpol.2023.105985. • Breś, J. (2025). Coordination of planning regulations at the edge of water and land. Conflicts within planning policy for urban blue space in small and medium-sized Polish port cities and possible directions of change. <i>MARINE POLICY</i>, Vol. 173.	
	eResources addresses		

Example issues/ example questions/ tasks being completed	A sample assignment involves developing a comparative analysis of the provisions of applicable planning documents for a selected area of a port city. The analytical study consists of: - an introduction and a description of the study's purpose, - a map at an appropriate scale, divided into functional and spatial zones at the sea-land interface for the selected area, - a description of the identified space types, - a diagram indicating the functions established in the land and maritime plans for the selected area, along with the designation of public spaces at the sea-land interface, - a tabular summary of planning arrangements for the identified public spaces at the sea-land interface for the selected area, - a description of potential problematic aspects regarding planning coordination in the selected area, resulting from the comparison of land and water planning arrangements, - conclusions regarding potential solutions.
Practical activities within the subject	Not applicable

Document generated electronically. Does not require a seal or signature.