

Subject card

Subject name and code	Spatial planning of the coastal zone, PG_00165854						
Field of study	Land Management						
Date of commencement of studies	October 2025		Academic year of realisation of subject		2026/2027		
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	2		Language of instruction		Polish		
Semester of study	3		ECTS credits		2.0		
Learning profile	academic		Assessment form				
Conducting unit	Division of Regional Development -> Institute of Socio-Economic Geography and Spatial Management -> Faculty of Social Sciences -> Rector						
Name and surname of lecturer (lecturers)	Subject supervisor		mgr Sandra Żukowska				
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	15.0	15.0	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		30.0		25.0	85
Subject objectives	The ability to understand interdisciplinary knowledge of the causes, mechanisms and conditions of socio-economic processes occurring under specific natural conditions at the interface between land and sea. The ability to characterise different forms of spatial developmentspatial development of maritime and coastal areas, depending, inter alia, on new forms of maritime transport, global market conditions, etc.The ability to identify and assess the status of basic conditions for sustainable development in the coastal zone.						

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 formulate, test and justify hypotheses on the conditions (natural, social, economic, cultural, legal) of spatial management in the coastal zone	[SU2] presentation/project/paper/report
	[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 capable of solving cognitive and practical problems in the field of spatial management in the coastal zone based on the acquired knowledge in cooperation with various entities, including representatives of local self-government units and public administration institutions	[SK2] presentation/project/paper/report
	[GPMU2_W06] problems and theories in spatial management, taking into account complex dependencies and trends of changes in the natural environment; understands their theoretical and practical significance	Recognizes and defines the problems and theories in the spatial management of the coastal zone taking into account the complex interrelationships and trends of changes in the natural and anthropogenic environment, understands their theoretical and practical significance in shaping the spatial policy of coastal areas	[SW4] test/exam - oral or written
	[GPMU2_W01] to an in-depth degree the interdisciplinary nature of spatial management and ordered and theoretically founded knowledge of multidimensional approaches in spatial policy	He has an in-depth knowledge and understanding of the interdisciplinary nature of coastal spatial management and a structured and theoretically grounded knowledge of the multidimensional approaches to spatial policy at the interface between land and sea.	[SW4] test/exam - oral or written
	[GPMU2_U07] perform complex research tasks or expertise in the field of spatial management by interacting with other people, taking a leading role in teams and present the results of the research in a written and oral form using specialised terminology	Performs complex research tasks or expert reports in the field of coastal spatial management interacting with others, taking a leading role in teams and presenting the results of this research in written and oral form using specialized terminology	[SU2] presentation/project/paper/report
Subject contents	A. Problems of the lecture A.1 Status and development of coastal areas. A.2 Polish maritime areas and their economic importance. A.3 Port cities - convergence and functional distinctness. A.4 Arrangements of coastal urbanisation in Poland. A.5 Port-city relationships. A.6 Transport infrastructure in port - city - hinterland relationship. A.7 Influence of new technologies in sea and land transport. A.8 The role of small ports and harbours in the socio-economic development of coastal cities and communes. B. Problems of exercises B.1 Example of spatial management and directions of development of communes of the Vistula Lagoon. B.2 Waterway investment connecting the Vistula Lagoon with the Gulf of Gdańsk as an example of spatial conflict in the coastal zone. B.3 Spatial policy in planning and strategic documents of the national, supra-regional, regional and local level in relation to coastal areas. B.4 Natural and anthropogenic conditions of functioning of water transport and water tourism in the coastal municipalities. B.5 Directions of changes in spatial development of coastal municipalities towards water transport and water tourism.		
Prerequisites and co-requisites	Skills: find, process, use and interpret data from multiple sources, synthesise material to explaining basic socio-economic processes.		
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Project	51.0%	50.0%
	Oral egzam	51.0%	50.0%

Recommended reading	Basic literature	Hoyle B., 1998, Cities and Ports: Development Dynamics at the Port-City Interface [in:] R. Bruttomesso (eds.), Land-Water Intermodal Terminals, Marsilio-Venice. Kochanowski M., 1999, Miasto i port. Relacje historyczne i współczesne jako problem strategii rozwoju miasta [w:] J. Kołodziejski, T. Parteka (red.), Cywilizacja informacyjna a przekształcenia przestrzeni. Zmiany strukturalne metropolii polskich, Biuletyn KPZK PAN, z. 186, Warszawa. Palmowski T., Tarkowski M., 2016, Development of sea port in Gdynia, Baltic Region (2016) 3, 45-55. Zaremba P., 1986, Urban ecology in planning, Ossolineum, The Publishing House of the Polish Academy of Sciences, Wrocław. Zaucha J., 2018, Gospodarowanie przestrzenią morską, Wydawnictwo Akademickie Sedno, Warszawa. A.2. studiowana samodzielnie przez studenta Palmowski T., 2007, Problemy żeglugi na Zalewie Wiślanym, Prace Komisji Geografii Komunikacji PTG, Tom XIII, Warszawa-Rzeszów. Zaremba P., 1981, Procesy urbanizacji na styku ląd-morze [w:] W. Pietraszkiewicz (red.), Nauka Polski Północnej. Tradycje Osiągnięcia Perspektywy, Zakład Narodowy im. Ossolińskich, Wrocław-Warszawa-Kraków-Gdańsk-Łódź. Zaucha J., 2009, Planowanie przestrzenne obszarów morskich, polskie uwarunkowania i plan pilotażowy, Instytut Morski w Gdańsku, Gdańsk. Zaucha J., 2008, Gospodarka morska wobec nowych trendów przestrzennych [w:] T. Markowski (red.), Koncepty Przestrzennego Zagospodarowania Kraju a wizje i perspektywy przestrzennego rozwoju Europy, Studia KPZK PAN, t. CXXII, Warszawa. Zaucha J., Matczak M., Przedzimirski J. (red.), 2009, Przyszłe wykorzystanie polskiej przestrzeni morskiej dla celów gospodarczych i ekologicznych, Instytut Morski w Gdańsku, Gdańsk.
	Supplementary literature	Bańkowska B., Bocheński J., Parteka T., 1998, Badanie możliwości i uwarunkowań aktywizacji przestrzeni turystycznej Zalewu Wiślanego w warunkach tworzenia regionalnego systemu ekorozwoju, Instytut Problemów Ekorozwoju Fundacji ECOBALTIC, Tom I -III, Gdańsk. Bronk H., 1990, Estuarium Odry i Zatoka Pomorska w rozwoju społeczno-gospodarczym Polski, Uniwersytet Szczeciński, Szczecin. Cyberski J. (red.), 2005, Stan i zagrożenia Półwyspu Helskiego, Gdańskie Towarzystwo Naukowe, Gdańsk. Kołodziejski J., Parteka T., 1993, Polski Region Bałtycki w europejskiej strategii ekorozwoju, Instytut Problemów Ekorozwoju Fundacji ECOBALTIC, Tom I Uwarunkowania, Tom II Koncepty strategii, Gdańsk. Palmowski T., Tarkowski M., 2018, Baltic cooperation in marine spatial planning, Baltic Region (2018) 2, 100-113. Palmowski T., 2016, Uwarunkowania rozwoju turystyki transgranicznej na Zalewie Wiślanym, Europa Regionum, 241-256. Pacuk M., Palmowski T., Szwankowski S., 2002, Współpraca sieciowa w relacji miasto-port - transport multimodalny i centra logistyczne, [w:] Współpraca sieciowa w rozwoju regionu metropolitalnego, Studium nad rozwojem i zarządzaniem w regionach metropolitalnych Europy, Studia Europejskie, Wydawnictwo Instytutu Studiów Europejskich, s. 311-331. Szeffler K., Furmańczyk K. i inni, 2007, Zagospodarowanie i przestrzenne aspekty rozwoju strefy przybrzeżnej Bałtyku, zarówno wód terytorialnych jak i wyłącznej strefy ekonomicznej, Gdańsk. http://w.w.w.mrr.gov.pl/Rozwoj+przestrzenny/Polska+polityka+przestrzena/Prace+nad+KPZK+2008-2033.
	eResources addresses	Adresy na platformie eNauczanie:
Example issues/ example questions/ tasks being completed	Lecture: knowledge of the socio-economic processes taking place in the coastal areas. Exercises: knowledge and ability to identify spatial conflicts at the interface of land-sea interface; knowledge and ability to infer and synthesise findings of spatial policies contained in planning and strategic documents; spatial policies contained in planning and strategic documents; ability to presentation of spatial data; timely completion of tasks undertaken as part of their own work. The student obtains one mark from the course, which in 50% results from the mark for the exercises 50% of the grade for the exercises and 50% for the examination/assessment, and in order to pass the course it is necessary to obtain a pass mark for both the exercise and lecture parts of the course.	
Work placement	Not applicable	

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