University of Gdańsk

Subject card

Subject name and code	Maritime economy, PG_00202211		
Field of study	Socio-economic geography with elements of GIS		
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	5.0
Learning profile	academic	Assessment form	exam
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	dr Małgorzata Pacuk	
	Teachers		

Lesson types

Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
Number of study hours	30.0	30.0	0.0	0.0	0.0	60

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	60	8.0	57.0	125

Subject objectives

Systematise knowledge of the conditions, factors and patterns of transformation of the maritime economy and its various sections at different spatial scales

Acquisition of the ability to methodically analyse theoretical and practical maritime economy problems

Improving the ability to critically analyse information and one's own knowledge, as well as the ability to work in teams and collaborate with others

Learning outcomes

Course outcome	Subject outcome	Method of verification
[GSEMU2_W06] explains problems and theories in socio-economic geography, taking into account the complex relationships and trends of changes in the natural and anthropogenic environment; understands their theoretical and practical significance	describes the theories explaining the transformation of the maritime economy in the geographical and economic sciences, identifies the main problems of maritime economy development and explaines their theoretical and practical significance	[SW4] test/exam - oral or written [SW2] presentation/project/paper/ report
[GSEMU2_W03] understands to a deeper extent, the determinants (natural, social, economic, cultural) of processes occurring in the human life environment on various spatial and time scales	identifies the conditions and factors for transforming the maritime economy and understands their role on a global, baltic, national, regional and local scale, recognises the conditions and factors for transformation of individual sectors of the maritime economy and explaines the interdependencies in their development	[SW4] test/exam - oral or written [SW2] presentation/project/paper/ report
[GSEMU2_U07] performs complex research tasks or expertise in the field of socio-economic geography by interacting with other people, taking a leading role in teams and can present the results of these studies in a written and oral form using specialist terminology	designes complex research tasks in a group in the field of maritime affairs, consciously assuming a defined role and interacting with others, as well as presents research findings in written and oral form using specialist terminology	[SU2] presentation/project/paper/ report [SU6] demonstration of practical skills
[GSEMU2_U02] properly selects sources and information derived from them, with particular regard to sources of spatial information; evaluatesthem critically and interpret them creatively	identifies and selects sources of information on maritime economy in terms of their relevance and quality, as well as processes information obtained using qualitative and quantitative methods and then interprets them creatively	[SU2] presentation/project/paper/ report [SU6] demonstration of practical skills
[GSEMU2_K02] is ready to solve cognitive and practical problems in the field of socio-economic geography in cooperation with various entities, taking into account the acquired knowledge	solves cognitive and practical problems in the field of maritime economy taking into account the knowledge acquired and in cooperation with various entities	[SK2] presentation/project/paper/ report [SK6] demonstration of practical skills
[GSEMU2_K01] is ready to critically assess knowledge and received content in the field of socio-economic geography and Geographic Information Systems	interprets and verifies the knowledge and perceived content in the field of maritime economy	[SK2] presentation/project/paper/ report [SK6] demonstration of practical skills

Subject contents	A. Problems of the lecture A1. The concept of maritime economy and its role in socio-economic development A2. Marine resources and their economic use (mineral resources, fisheries, aquaculture, offshore wind energy) A3. Maritime transport and seaports A4. Shipbuilding and offshore industry A5. Coastal, offshore and maritime tourism A6. Socio-economic and spatial policies towards maritime and coastal areas A7. Factors and barriers of maritime economy transformation A8. The environmental impact of maritime economy B. Problems of exercises B1. Maritime economy in national and regional socio-economic and spatial planning documents B2. Issues of maritime economy in socio-economic and spatial planning of cities B3. Ports and shipyards - characteristics of economic activity and forms of spatial organisation B4. Coastal and maritime tourism - characteristics of economic activity and forms of spatial organisation
Prerequisites and co-requisites	Knowledge from subjects taken in earlier semesters of this course is required

Assessment methods and criteria

Subject passing criteria	Passing threshold	Percentage of the final grade
written test	51.0%	40.0%
sub-tasts in class and own work	51.0%	60.0%

Recommended reading	Basic literature	Bąkowski T., 2018, Planning and spatial management of Polish maritime areas. Administrative and legal issues, Problematyka administracyjnoprawna, Wydawnictwo PWN, Warszawa Brodzicki T., Zaucha J., 2013, Study on Blue Growth, Maritime Policy and EU Strategy for the Baltic Sea Region, Instytut Rozwoju, Sopot Czapliński P., 2015, .The offshore industry in Poland - attempted definition, status and development opportunities, Prace Komisji Geografii Przemysłu Polskiego Towarzystwa Geograficznego, 29(4), 103111. Czapliński P., 2018, Developments in the Polish fish processing industry,. Prace Komisji Geografii Przemysłu Polskiego Towarzystwa Geograficznego, 32(2), 6072. Gostomski E., Nowosielski T., 2023, Trends in the global maritime economy. Wydawnictwo Uniwersytetu Gdańskiego, Gdańsk. Miotke-Dzięgiel J., 2002, Maritime tourism., Wydawnictwo Uniwersytetu Gdańskiego, Gdańsk. Pacuk M., 2020, The environmental impact of shipping in the Baltic Sea Area [in:] G. Fedorov et al. (eds.) Baltic Region - the region of cooperation, Springer, 121-126. Palmowski T., Tarkowski M., 2016, Supporting entrepreneurship in the restructuring process of the shipbuilding industry - the example of the Baltic Port of New Technologies. Prace Komisji Geografii Przemysłu Polskiego Towarzystwa Geograficznego, 30, 159-172. Pluciński M., 2013, Polish seaports in a changing external environment, Wydawnictwo CeDeWu, Warszawa. Zaucha J., 2018, .Management of marine space. Wydawnictwo Akademickie SEDNO, Warszawa

	Supplementary literature	Bieliński J. 2017,Using the value chain to assess the power of suppliers and customers to influence the competitiveness of the European shipbuilding sector, Zarządzanie i Finanse, 15(2, cz. 2), 209223. Czapliński P., 2018, Polish geography of industry in sea research, Studies of the Industrial Geography Commission of the Polish Geographical Society, 32(4), 123134. Hesse M, 2018, Focal firms, grand coalitions or global city makers? Globalization vs. new localism in Hamburgs maritime. Global City Makers: Economic Actors and Practices in the World City Network, 151. Johnson K., Dalton G., 2018, Building industries at sea:Blue Growthand the New Maritime Economy. River Publishers. Kizielewicz J., 2017, ,Infrastructural potential of seaports as an element of competitiveness in the market for cruise shipping services, Folia Turistica/Akademia Wychowania Fizycznego im. B. Czecha w Krakowie, 42, 6985. Mazaris A. D., Germond, B., 2018, Bridging the gap between climate change and maritime security: towards a comprehensive framework forplanning. Science of the Total Environment, 635, 10761080. Notteboom T., Pallis A., Rodrigue J.-P., 2022, Port economics, management and policy. Routledge, New York. Pacuk M., 2024, Motorways of the Sea as links in the Trans-European Transport Network (TEN-T) conceptual framework and projects involving Polish ports, Prace Komisji Geografii Komunikacji PTG, 27(1), s. 7-26 Polónia A., Ribeiro A. S., Lange D., 2017, Connected oceans: New pathways in maritime history. International Journal of Maritime History, 29(1),9095. Sala J., Tańska H., 2018, Selected development support initiatives and their costs using the example of maritime regions. Nierówności Społeczne a Wzrost Gospodarczy, 53, 275285.
	eResources addresses	
Example issues/ example questions/ tasks being completed	Evolution of seaports Offshore wind energy Environmental impact of maritime transport	
Work placement	Not applicable	

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