

Subject card

Subject name and code	Global Logistics and Maritime Transport Systems, PG_00202466						
Field of study	Economics, International Economic Relations, International Business, Logistics and Mobility						
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 Optional subject group		
Mode of study	full-time studies		Mode of delivery		at the university		
Year of study	2		Language of instruction		English English		
Semester of study	3		ECTS credits		5.0		
Learning profile	academic		Assessment form		credit		
Conducting unit	Rector						
Name and surname of lecturer (lecturers)	Subject supervisor		dr Dorota Książkiewicz				
	Teachers		dr Dorota Książkiewicz				
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	30.0	0.0	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		0.0		95.0	125
Subject objectives	The aim of the course <i>Global Logistics and Maritime Transport Systems</i> is to provide students with comprehensive knowledge of the functioning of global logistics networks and contemporary maritime transport systems within international supply chains. The course focuses on the strategic role of maritime transport in global trade, the organization and management of logistics processes, and the economic, technological, environmental, and geopolitical factors influencing the maritime sector.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[EKONMU2_U01] can creatively interpret and explain economic and social phenomena and relations between them, using acquired knowledge of economics, finance and management sciences	The student is able to interpret and explain economic and social phenomena related to the functioning of global logistics and maritime transport.	[SU2] presentation/project/paper/report
	[IBMU2_K02] is ready to critically assess the level of acquired knowledge, skills and professional competence in the area of international business	The student is prepared to critically evaluate the level of acquired knowledge, skills, and professional competences in the field of global logistics, maritime transport, and the functioning of international supply chains. The student understands the importance of continuous competence development in the dynamically changing environment of international business, including technological, economic, environmental, and geopolitical changes.	[SK8] observation of student's independent or team work
	[IBL3_W04] has a structured knowledge of the world economy, international economic and financial processes and their role in shaping the international business environment	The student has structured knowledge of the global economy and international economic and financial processes, and understands their role in shaping the international business environment, particularly in the context of logistics and maritime transport systems.	[SW2] presentation/project/paper/report
	[EKONMU2_K02] is aware of the level of their knowledge in the area of solving complex problems in economic; understands the need to extend and update this knowledge throughout his/her life	The student is aware of the scope and limitations of their knowledge in the field of global logistics and maritime transport systems, particularly in solving complex economic, logistics, and organizational problems. The student understands the need for continuous learning and updating of knowledge due to dynamic technological, economic, and geopolitical changes occurring in the international transport and logistics environment.	[SK8] observation of student's independent or team work
	[IBMU2_U01] can creatively interpret, explain and analyse complex economic phenomena and the relations occurring between them, using the acquired knowledge in international business and international economic and financial relations	The student is able to creatively interpret, explain, and analyze complex economic phenomena and the relationships occurring within global logistics systems and maritime transport, using knowledge from the fields of international business, international economic relations, and international finance. The student is able to analyze the impact of economic, geopolitical, and technological processes on the functioning of global supply chains and international trade.	[SU2] presentation/project/paper/report
	[MSG3_K02] critically assesses the level of his/her knowledge in the field of economics; is willing to deepen and update this knowledge throughout his/her life	Critically evaluates their level of knowledge in economics by identifying both its strengths and areas requiring further development. They are able to realistically assess their own competencies in the context of complex issues in the global economy, logistics, and maritime transport. At the same time, they demonstrate readiness to continuously expand and update their knowledge.	[SK8] observation of student's independent or team work
	[IBMU2_W04] has an in-depth knowledge of the evolution of theories describing international business and international economic and financial relations	The student has in-depth knowledge of the evolution of international business theories as well as international economic and financial relations, with particular emphasis on their relevance to contemporary conditions of global logistics and maritime transport.	[SW1] oral statement/ conversation/discussion [SW2] presentation/project/paper/report

	Course outcome	Subject outcome	Method of verification
	[IBL3_U01] can interpret and explain economic phenomena, analyse their causes, course and connections within these phenomena using the acquired knowledge of international business, economics and finance and complementary disciplines	The student is able to interpret and explain phenomena related to trade and maritime transport, as well as analyze their causes and course.	[SU2] presentation/project/paper/report
	[IBL3_K02] is ready to critically assess own knowledge in the field of international business, economics and finance and complementary disciplines	The student is ready to critically evaluate their own knowledge in the field of international business, economics, and finance as well as related disciplines, particularly in relation to issues of global logistics and maritime transport.	[SK1] oral statement/conversation/discussion
	[MSGL3_U01] can correctly interpret and explain economic and social phenomena, analyse their causes, course and connections between these phenomena using the acquired knowledge of economics, finance and international economic relations	The student is able to correctly interpret and explain economic phenomena in the area of maritime transport and transport systems, as well as analyze their causes, course, and interrelationships.	[SU2] presentation/project/paper/report
	[LMMU2_W07] has a knowledge of economic and financial principles governing the functioning and management of economic entities and organisations, which require logistics support or provide logistics services, as well as of systems of legal, organisational, professional, moral and ethical norms and rules organising public structures and institutions, both in the national and international spheres	The student has knowledge of the economic principles governing the functioning of the maritime trade and transport market, as well as strategies for managing entities and organizations operating within this market.	[SW2] presentation/project/paper/report
	[MSGL3_W04] has an advanced knowledge of different types and essential elements of the structures of economic entities and organisations, and public institutions	The student has advanced knowledge of the characteristics of the functioning of entities and organizations related to maritime transport.	[SW2] presentation/project/paper/report
	[MSGMU2_U01] can creatively interpret and explain complex and atypical economic phenomena and the relations occurring between them, using the acquired knowledge in economics, finance and international economic relations	The student is able to explain and interpret economic and geopolitical phenomena as well as relationships occurring in the maritime transport and global logistics market.	[SU1] oral statement/conversation/discussion [SU2] presentation/project/paper/report
	[EKONL3_W04] knows the types of economic and social ties and the regularities governing them	The student is familiar with the types of economic and social ties occurring in the maritime transport and trade market and global logistics.	[SW2] presentation/project/paper/report
	[MSGMU2_K02] is ready to critically assess the level of acquired knowledge, skills and professional competence in the area of international economic relations	the student demonstrates readiness to critically evaluate the level of their knowledge, skills, and professional competencies in the field of international transport systems	[SK2] presentation/project/paper/report
	[EKONMU2_W04] has an in-depth knowledge of different types of economic and social ties and regularities governing them; has an in-depth knowledge of economic and financial ties between enterprises	The student has an advanced understanding of various economic and social relationships occurring within global logistics systems and maritime transport, as well as the interdependencies between participants of international supply chains. The student possesses advanced knowledge of the economic and financial relations linking transport, logistics, port, and trading companies, and understands the mechanisms of cooperation, competition, and integration within the global business environment.	[SW2] presentation/project/paper/report

	Course outcome	Subject outcome	Method of verification
	[EKONL3_K02] is aware of the level of knowledge in the field of economics and understands the need to deepen and update this knowledge throughout life	The student is aware of the scope of their knowledge in the field of economic and organizational aspects of global logistics and maritime transport. The student understands the need for continuous learning and updating of knowledge due to dynamic changes occurring in the global economy, international trade, transport technologies, and global supply chains.	[SK2] presentation/project/paper/report
	[LMMU2_U01] can creatively interpret and explain economic and social phenomena and relations between them, using acquired knowledge of economics, finance, management sciences, logistics and mobility	The student is able to creatively interpret and explain economic and social phenomena and the relationships between them, using knowledge from economics, finance, management sciences, logistics, and mobility, with particular emphasis on the context of global logistics and maritime transport systems.	[SU2] presentation/project/paper/report
	[LMMU2_W04] knows different types of economic and social ties and regularities governing them; has knowledge of ties between enterprises which require logistics support or provide logistics services	The student is familiar with various types of economic and social ties in the functioning of international trade and maritime transport. The student also understands relationships between enterprises operating within supply chains.	[SW1] oral statement/ conversation/discussion [SW2] presentation/project/paper/report
	[EKONL3_U01] can correctly interpret economic and social phenomena and apply knowledge of economics, finance and management sciences to explain economic phenomena	The student is able to correctly interpret processes occurring within global supply chains and maritime transport systems, and apply knowledge of economics, finance, and management sciences to analyze economic phenomena affecting the functioning of international logistics and global trade.	[SU2] presentation/project/paper/report
	[MSGMU2_W04] has an in-depth knowledge of different types and elements of economic structures and institutions, including institutions, organisations and economic entities; understands the causes, course, scale and consequences of changes occurring in them, as well as relations between them on a national, international and intercultural scale; knows the theories explaining relations among them	The student possesses advanced knowledge of the structures and institutions operating within global logistics systems and maritime transport, including transport companies, logistics operators, seaports, international organizations, and institutions regulating international trade and transport. The student understands the causes, course, scale, and consequences of changes occurring in global supply chains, as well as the relationships between market participants at national, international, and intercultural levels	[SW2] presentation/project/paper/report

Subject contents	1.Introduction to Global Logistics		
	2.Maritime Transport in Global Logistics		
	3.Maritime Transport Infrastructure: Ports and Terminals		
	4.Maritime cargo categories		
	5.The process of building of global maritime supply chains		
	6.Types of Maritime Vessels and loading technologoy		
	7.Shipping Routes and Trade Corridors		
	8.Intermodal Transportation and Logistics Hubs		
	9.Port Operations and Terminal Management		
	10.Maritime Regulations and Compliance		
	11.Environmental Sustainability in Maritime Transport		
	12. Emerging Technologies in Global Logistics and Maritime Systems		
Prerequisites and co-requisites	Fundamentals of transport systems operation		
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	in-class discussion	0.0%	20.0%
	presentation	0.0%	80.0%
Recommended reading	Basic literature	Rodrigue, J.-P. (2024). <i>The Geography of Transport Systems</i> (6th ed.). Routledge. DOI: 10.4324/9781003343196 Notteboom, T. & others (eds.). <i>Port Economics, Management and Policy</i> . PortEconomics. M. Fiorini, D. Książkiewicz (2026): Digital Transformation in Maritime Transportation and Logistics.Institution of Engineering and Technology (IET)	
	Supplementary literature	Fiorini, M., & Gupta, N. (2021). <i>ICT solutions and digitalisation in ports and shipping</i> . Institution of Engineering and Technology (IET). https://doi.org/10.1049/PBTR030EDNV : Energy Transition Outlook 2025, Maritime Forecast to 2050	
	eResources addresses		
Example issues/ example questions/ tasks being completed	Port development strategies		
	Shipping lines and their strategies		
	The impact of contemporary geopolitical developments on the maritime transport market		
Work placement	Not applicable		

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