University of Gdańsk

Subject card

Subject name and code	Sea Transport Organization and Technique, PG_00199285		
Field of study	International Economic Relations		
Date of commencement of studies	October 2026	Academic year of realisation of subject	2028/2029
Education level	Bachelor's studies	Subject group	Obligatory subject group in the field of study Optional subject group 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	3	Language of instruction	Polish polish
Semester of study	5	ECTS credits	7.0
Learning profile	academic	Assessment form	exam
Conducting unit			
Name and surname of lecturer (lecturers)	Subject supervisor	dr Tomasz Nowosielski	
	Teachers		

Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	30.0	30.0	0.0	30.0	0.0	90
	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	90	0.0	85.0	175

Subject objectives	The aim of the course is to familiarise students with the principles of maritime transport. The subject presents technical, organisational and legal issues related to the implementation of maritime transport processes. Economic entities operating in the market environment of maritime shipping are also characterised.

Learning outcomes

Course outcome	Subject outcome	Method of verification
[MSGL3_W13] has a knowledge of the functioning of business entities in the national and international environment, with particular emphasis on the European Union	The student has knowledge covering: issues relating to the international nature of maritime transport (including within the European Union), the technical and organisational characteristics of maritime transport, the organisational and legal principles governing the conclusion of transport contracts in both tramp and liner shipping, the characteristics of the documentation used in maritime transport, and the methods and tools of the shipbroker and shipping agent. Students have the opportunity to seek advice on issues relating to the course and the completion of projects.	[SW4] test/exam - oral or written [SW2] presentation/project/paper/ report
[MSGL3_W07] has knowledge and understanding of the types of economic ties and regularities governing them, including the principles of functioning of the market and the market mechanism, both in the national and international aspect	The student is familiar with the principles governing international shipping markets, tramp and liner shipping operations, and the specific nature of transport services. The student makes use of opportunities to seek advice on subject-related issues and project work.	[SW4] test/exam - oral or written [SW2] presentation/project/paper/ report
[MSGL3_U03] can identify and analyse relations between economic entities and public institutions in the national and international environment; using the acquired theoretical knowledge can critically evaluate these relations and indicate directions for their further development or changes	The student is able to describe the process of handling maritime transport documentation and uses the specialist terminology applicable to maritime transport and trade. The student is able to identify the links between the various entities operating within the domestic and international market environment. The student makes use of opportunities to seek advice on issues relating to the course and the completion of projects.	[SU2] presentation/project/paper/ report [SU4] test/exam - oral or written

Subject contents

1. Historical aspects of the development of maritime transport The idea of freedom of the seas; the role of continental transport links in the development of the world economy; maritime transport as a major factor in globalisation **2. The international character of shipping**Specifics of maritime transport; regulations on the rules of maritime navigation; international conventions; supervision of shipping safety; international organisations related to shipping **3. Maritime vessel**Definition; basic ship documents; classification societies and maritime administration **4. Technical and operational characteristics of a seagoing vessel**Line, tonnage and weight parameters; capacity characteristics of a ship **5. Types of seagoing vessels** Breakdown of the merchant fleet by function; characteristics by size, carriage, type and ownership structure; countries of registration of vessels - 'free flags' issues **6. Organisation of irregular shipping**Organisational forms of non-scheduled shipping; types of cargo carried; types of ships operated; organisation of the shipping market **7. Organisation of regular shipping (liner shipping)**Characteristics of liner shipping; definition of liner service; types of liner shipping; organisation of the regular shipping market; shipowner agreements (market monopolisation) **8. The role of brokers and liner agents in the organisation of liner and non-liner shipping**The intermediation of freight brokers in the conclusion of charterparties; the cargo acquisition system in regular (liner) shipping **9. Contracting technique in irregular shipping**Characteristics of a charterparty; types of charterparty; application of charterparty; legal implications of charterparty conclusion; **10. Contracting technique in liner shipping**Characteristics of a beaching contract; shipping documents; use of beaching contracts; legal implications of beaching contracts; electronic documents - electronic bill of lading **11. The market for ship-to-port agency services**Negotiation principles; tariff systems; documents used **12 .The ship handling process in port**Ship handling activities in port **13. The place of the shipbroker and agent among those involved in ship handling**Principles of co-operation between shipbrokers and agents and shipowners and other parties involved in port and sea trade **14. Container shipping**Characteristics of the container transport system; container ships; characteristics of container shipping; container mega-carriers; prospects for the development of container **15. Passenger and ferry shipping**Types of passenger ships; organisation of passenger transport; main passenger transport routes in the world; ferry shipping and vessels used; main ferry routes (areas); prospects for development of ferry shipping **16. Cruise shipping (cruising)**Characteristics of cruise shipping; types of ships; main cruise shipping routes; market for cruise shipping; prospects for development of cruise shipping **17. Cruise ship excursion** (subject excursion on a cruise ship in a port of Gdynia or Gdańsk)

Prerequisites and co-requisites

The range of knowledge required to study the subject includes: aspects related to the identification of market mechanisms, the principles of international trade, civil law norms and international law.

Assessment methods and criteria

Subject passing criteria	Passing threshold	Percentage of the final grade
Final Exam for the Seminar and Participation	51.0%	25.0%
Project	51.0%	25.0%
Examination Test and Student Activity in Lectures	51.0%	50.0%

Recommended reading

Basic literature

1. Organisation and technology of maritime transport, ed. by J. Kujawa, WUG, Gdańsk 2015.
2. E. Gostomski, T. Nowosielski, International maritime trade, Wydawnictwo Uniwersytetu Gdańskiego, Gdańsk 2020.
3. T. Nowosielski , Evolution of the functioning of container shipping companiesin supply chains, [in:] Enterprise in the supply chain, ed. by E. Ignaciuk and J. Dąbrowski, Polish Economic Society, Gdańsk 2017
4. H. Klimek, T. Nowosielski, S. Szwankowski, The market of maritime transport servicestaking into account Poland, [in:] Polish transport services market, ed.D. Rucińska, Polskie Wydawnictwo Ekonomiczne, Warsaw 2012.
5. M. Stopford Maritime economics, Taylor& Francis, New York 2008.
6. J. Miotke - Dzięgiel, Maritime container shipping, WUG, Gdańsk 1993.

Supplementary literature

1. E. Gostomski , T. Nowosielski, Directions of development of international maritime transport in the XXI century, "Pieniądze i Więź", 2019, No. 2 (83).
2. T .Nowosielski, Determinanty rozwoju żeglugi kontenerowej, [in:] Studia i Materiały Instytutu Transportu i Handlu Morskiego, Zeszyty Naukowe Uniwersytetu Gdańskiego, Gdańsk 2012.
3. T. Nowosielski, Idea of freedom of the seas as a factor in the development of maritime shipping, [in:] Contemporary problems of land-sea transport systems, Infoglobmar 2013, Institute of Transport and Maritime Trade, Gdańsk 2013.
4. E. Gostomski, T. Nowosielski Development of international and maritime tourism. Economic aspects, Wydawnictwo Uniwersytetu Gdańskiego, Gdańsk 2019
5. T. Nowosielski , Maritime transport, [In:] Transport as a component of the tourism product, ed. by M. Turek, European School of Hotel Management, Tourism and Entrepreneurship Higher School in Sopot, Sopot 2009.
6. H. Klimek , T. Nowosielski , Seaports as strategic nodes of the European transport network, [In:] Wspólna europejska a polska polityka morska, Wydawnictwo Uniwersytetu Gdańskiego, Gdańsk 2007.
7. Maritime Law, pod red. J. Łopuski, Wyd. Branta, Bydgoszcz 1996 - 2003.
8. Madric. Dictionary of English-language terms and abbreviations of maritime trade, ed. by J. Kujawa, WUG, Gdańsk 2001.
9. Maritime Code Dz. U. 2001, no 138, item 1545
10. J. Kunert , Technika handlu morskiego, PWE, Warszawa 1970.

eResources addresses

Example issues/ example questions/ tasks being completed

History of shipping.Characteristics of seagoing vessels.Operation of irregular shipping (tramp, concern and independent).The functioning of liner shipping.The functioning of container shipping.The functioning of ferry and cruise shipping.

Work placement

Not applicable

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