

## Subject card

|                                             |                                                                                                                                                                                                                                                                                                                               |                                                          |                                         |                                     |         |                                                |     |
|---------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|-----------------------------------------|-------------------------------------|---------|------------------------------------------------|-----|
| Subject name and code                       | Sea Transport Organization and Technique, PG_00172427                                                                                                                                                                                                                                                                         |                                                          |                                         |                                     |         |                                                |     |
| Field of study                              | International Economic Relations                                                                                                                                                                                                                                                                                              |                                                          |                                         |                                     |         |                                                |     |
| Date of commencement of studies             | October 2025                                                                                                                                                                                                                                                                                                                  |                                                          | Academic year of realisation of subject |                                     |         | 2027/2028                                      |     |
| Education level                             | Bachelor'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                               | 3                                                                                                                                                                                                                                                                                                                             |                                                          | Language of instruction                 |                                     |         | Polish<br>Polish                               |     |
| Semester of study                           | 5                                                                                                                                                                                                                                                                                                                             |                                                          | ECTS credits                            |                                     |         | 4.0                                            |     |
| 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                                                     | 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                                                       |                                         | 10.0                                |         | 60.0                                           | 100 |
| 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. |                                                          |                                         |                                     |         |                                                |     |

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| Learning outcomes               | Course outcome                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Subject outcome                                                                                                                                                                                                                                                                                                                                                   | Method of verification                                                            |
|                                 | [MSGL3_W10] knows selected methods and tools, including IT tools and data acquisition techniques, which make it possible to describe and analyse economic entities operating on the international market; knows the processes and phenomena occurring in them and between them, and processes supporting decision-making                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | The student has knowledge covering the principles of maritime transport operations, knows the characteristics of documentation used in maritime transport and sources of market information necessary for the realisation of cargo and passenger transport processes. The student takes advantage of the opportunity to consult on issues related to the subject. | [SW4] test/exam - oral or written                                                 |
|                                 | [MSGL3_K03] participates in the preparation of economic and social projects; can reconcile legal, economic, ecological, political and social requirements                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | The student is aware of the ethical requirements and working in accordance with good business practice in the maritime transport sphere, and in particular when performing tasks and duties related to transaction and transport documentation. The student takes advantage of the opportunity to consult on issues related to the subject.                       | [SK1] oral statement/conversation/discussion<br>[SK4] test/exam - oral or written |
|                                 | [MSGL3_W12] has a well-organised knowledge of the nature, functioning and sources of changes occurring in the structures of economic entities and organisations (in particular those which operate on the international market); understands the causes, course, scale and consequences of these changes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | The student has knowledge of the economic mechanisms of the global economy, taking into account the commodity and transport markets and the actors in them.                                                                                                                                                                                                       | [SW4] test/exam - oral or written<br>[SW1] oral statement/conversation/discussion |
| Subject contents                | <p><b>1. Historical aspects of the development of maritime transport</b>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 <b>2. The international character of shipping</b>Specifics of maritime transport; regulations on the rules of maritime navigation; international conventions; supervision of shipping safety; international organisations related to shipping <b>3. Maritime vessel</b>Definition; basic ship documents; classification societies and maritime administration <b>4. Technical and operational characteristics of a seagoing vessel</b>Line, tonnage and weight parameters; capacity characteristics of a ship <b>5. Types of seagoing vessels</b> Breakdown of the merchant fleet by function; characteristics by size, carriage, type and ownership structure; countries of registration of vessels - 'free flags' issues <b>6. Organisation of irregular shipping</b>Organisational forms of non-scheduled shipping; types of cargo carried; types of ships operated; organisation of the shipping market <b>7. Organisation of regular shipping (liner shipping)</b>Characteristics of liner shipping; definition of liner service; types of liner shipping; organisation of the regular shipping market; shipowner agreements (market monopolisation) <b>8. The role of brokers and liner agents in the organisation of liner and non-liner shipping</b>The intermediation of freight brokers in the conclusion of charterparties; the cargo acquisition system in regular (liner) shipping <b>9. Contracting technique in irregular shipping</b>Characteristics of a charterparty; types of charterparty; application of charterparty; legal implications of charterparty conclusion; <b>10. Contracting technique in liner shipping</b>Characteristics of a beaching contract; shipping documents; use of beaching contracts; legal implications of beaching contracts; electronic documents - electronic bill of lading <b>11. The market for ship-to-port agency services</b>Negotiation principles; tariff systems; documents used <b>12. The ship handling process in port</b>Ship handling activities in port <b>13. The place of the shipbroker and agent among those involved in ship handling</b>Principles of co-operation between shipbrokers and agents and shipowners and other parties involved in port and sea trade <b>14. Container shipping</b>Characteristics of the container transport system; container ships; characteristics of container shipping; container mega-carriers; prospects for the development of container <b>15. Passenger and ferry shipping</b>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 <b>16. Cruise shipping (cruising)</b>Characteristics of cruise shipping; types of ships; main cruise shipping routes; market for cruise shipping; prospects for development of cruise shipping <b>17. Cruise ship excursion</b> (subject excursion on a cruise ship in a port of Gdynia or Gdańsk)</p> |                                                                                                                                                                                                                                                                                                                                                                   |                                                                                   |
| 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                                                     |
|                                 | Examination test and student activity in lectures                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 51.0%                                                                                                                                                                                                                                                                                                                                                             | 100.0%                                                                            |

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|----------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Recommended reading                                            | Basic literature                                                                                                                                                                                                                                      | <ol style="list-style-type: none"> <li>1. Organisation and technology of maritime transport, ed. by J. Kujawa, WUG, Gdańsk 2015.</li> <li>2. E. Gostomski, T. Nowosielski, International maritime trade, Wydawnictwo Uniwersytetu Gdańskiego, Gdańsk 2020.</li> <li>3. T. Nowosielski, Evolution of the functioning of container shipping companies in supply chains, [in:] Enterprise in the supply chain, ed. by E. Ignaciuk and J. Dąbrowski, Polish Economic Society, Gdańsk 2017</li> <li>4. H. Klimek, T. Nowosielski, S. Szwankowski, The market of maritime transport services taking into account Poland, [in:] Polish transport services market, ed. D. Rucińska, Polskie Wydawnictwo Ekonomiczne, Warsaw 2012.</li> <li>5. M. Stopford Maritime economics, Taylor &amp; Francis, New York 2008.</li> <li>6. J. Miotke - Dzięgiel, Maritime container shipping, WUG, Gdańsk 1993.</li> </ol>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|                                                                | Supplementary literature                                                                                                                                                                                                                              | <ol style="list-style-type: none"> <li>1. E. Gostomski, T. Nowosielski, Directions of development of international maritime transport in the XXI century, "Pieniądże i Władza", 2019, No. 2 (83).</li> <li>2. T. Nowosielski, Determinanty rozwoju żeglugi kontenerowej, [in:] Studia i Materiały Instytutu Transportu i Handlu Morskiego, Zeszyty Naukowe Uniwersytetu Gdańskiego, Gdańsk 2012.</li> <li>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.</li> <li>4. E. Gostomski, T. Nowosielski Development of international and maritime tourism. Economic aspects, Wydawnictwo Uniwersytetu Gdańskiego, Gdańsk 2019</li> <li>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.</li> <li>6. H. Klimek, T. Nowosielski, Seaports as strategic nodes of the European transport network, [In:] Wspólna europejska a polska polityka morską, Wydawnictwo Uniwersytetu Gdańskiego, Gdańsk 2007.</li> <li>7. Maritime Law, pod red. J. Łopuski, Wyd. Branta, Bydgoszcz 1996 - 2003.</li> <li>8. Madric. Dictionary of English-language terms and abbreviations of maritime trade, ed. by J. Kujawa, WUG, Gdańsk 2001.</li> <li>9. Maritime Code Dz. U. 2001, no 138, item 1545</li> <li>10. J. Kunert, Technika handlu morskiego, PWE, Warszawa 1970.</li> </ol> |
|                                                                | eResources addresses                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Example issues/<br>example questions/<br>tasks being completed | <p>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.</p> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Work placement                                                 | Not applicable                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

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