



Subject card

Subject name and code	Passenger Transportation Systems, PG_00060662						
Field of study	Transport and Logistics						
Date of commencement of studies	October 2026	Academic year of realisation of subject				2028/2029	
Education level	first-cycle studies	Subject group				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	
Semester of study	5	ECTS credits				3.0	
Learning profile	general academic profile	Assessment form				assessment	
Conducting unit	Department of Ship Design - None (Existed Previously) -> Institute of Naval Architecture -> Faculty of Mechanical Engineering and Ship Technology -> Faculties of Gdańsk University of Technology						
Name and surname of lecturer (lecturers)	Subject supervisor	prof. dr hab. inż. Jakub Montewka					
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	15.0	0.0	0.0	30.0	0.0	45
	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	45		3.0		27.0	75
Subject objectives	The aim of the course is to familiarize student with the functioning of the passenger system in sea transport. Student learns the most important issues related to transport needs in servicing passenger traffic, passenger ships, safety in passenger transport, current trends in passenger transport, Polish maritime tourism, yachting in Poland and legal principles (IMO, EU) regarding the technical conditions of passenger transport.						
Learning outcomes	Course outcome	Subject outcome			Method of verification		
	[K6_W07] has general knowledge in the field of humanities, social and economic sciences. Knows the principles of creating forms of individual entrepreneurship and running a business, and knows how to protect industrial and intellectual property and copyright law	The student has basic knowledge of the ownership structure of sea ports and transshipment terminals.			[SW1] Assessment of factual knowledge		
	[K6_U05] can formulate a simple engineering task and its specification in the field of design, maintenance and operation of transport means and systems	The student is able to prepare a simple project related to the construction or operation of a selected element and aspect of the transport system, being aware of the boundary conditions and limitations.			[SU3] Assessment of ability to use knowledge gained from the subject		
	[K6_W05] has established knowledge in the field of design, construction and operation of transport means and systems	The student is able to indicate the main elements related to the process of design, construction and operation of maritime transport systems and the means of transport used.			[SW3] Assessment of knowledge contained in written work and projects		
Subject contents	Course content – lecture Transport needs in passenger traffic. Quality of services in passenger transport. Development of major shipping centers. History of marine tourism. Current trends in passenger transport. Passenger ships. Types and directions of sea trips. Development of "cruising" - cruise shipping. Main markets for cruising. Ferry shipping: features, types and forms of ferry transport. Yachting and yacht market. Coastal and inland navigation. Intelligent transport systems in passenger transport. Sea tourism. Principles and methods of organizing passenger transport. Legal principles (IMO, EU) concerning the technical conditions of passenger transport. Safety rules for passenger transport. Principles and methods of passenger ship management. Security in the Baltic Sea region.						

Prerequisites and co-requisites	Knowledge of the subjects Sea ships, Infrastructure and operations in seaports		
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Seminar	50.0%	50.0%
	Test	50.0%	50.0%
Recommended reading	Basic literature	Jean-Paul Rodrigue, <i>The Geography of Transport Systems, FIFTH EDITION</i> , New York: Routledge (2020) Theo Notteboom, Athanasios Pallis and Jean-Paul Rodrigue (2020) <i>Port Economics, Management and Policy</i> , New York: Routledge. Forthcoming.	
	Supplementary literature	Ulla Tapaninen, <i>Maritime Transport: Shipping Logistics and Operations</i> , Kogan Page, 2020	
	eResources addresses		
Example issues/ example questions/ tasks being completed	Construction and characteristics of the passenger terminal		
Practical activities within the subject	Not applicable		

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