



## Subject card

Subject name and code	Transport economics and financing of transport, PG_00044622						
Field of study	Transport						
Date of commencement of studies	October 2023		Academic year of realisation of subject		2025/2026		
Education level	first-cycle 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	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 Transportation Engineering -> Faculty Of Civil And Environmental Engineering -> Wydział Politechniki Gdańskiej						
Name and surname of lecturer (lecturers)	Subject supervisor						
	Teachers						
Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	30.0	15.0	0.0	0.0	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		5.0		25.0	75
Subject objectives	The aim of the course is to provide knowledge in the field of transport economics, including the role of transport in the national economy, functioning of transport markets, characteristics of basic dependencies economics in transport markets and preparing cost-benefit analyzes.						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	[K6_K02] understands the need to formulate and communicate to the public information and opinions on the achievements of environmental engineering and other aspects of work of a sanitary industry engineer; is aware of the importance of and understands non-technical aspects and consequences of engineering; takes steps to communicate such information and opinions in a comprehensible manner and present different points of view		The student has interdisciplinary knowledge in operation and development transport systems. The student plans the systems transport including cost accounting transport and external costs. The student plans the systems and transport activity taking into account competition, transport needs, demand, the specificity of the supply in services transport, costs, prices, social conditions, environmental and transport policy		[SK2] Assessment of progress of work [SK5] Assessment of ability to solve problems that arise in practice		
	[K6_U07] able to identify the effects of management, progress in technology, spatial policy, environmental protection, health and safety on the operation and development of transport and include these in the process of planning, designing, building and operating means and systems of transport		The student has a comprehensive knowledge of functioning and business management transport and has ability to use knowledge in projects		[SU4] Assessment of ability to use methods and tools		
	[K6_W06] has basic knowledge of economic processes, transport economics and transport management		The student has knowledge and skills in the field of systems' management, transport subsystems and transport activities in enterprises		[SW2] Assessment of knowledge contained in presentation [SW1] Assessment of factual knowledge		

Subject contents	Transport in economic processes, the market of transport services, transport needs, demand in transport, supply of transport services, costs in transport, prices in transport, cost-benefit analysis (as a part of the feasibility study for transport investments)		
Prerequisites and co-requisites	basic concepts of the Economy		
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	test	51.0%	50.0%
	project	51.0%	50.0%
Recommended reading	Basic literature	1. A. Koźlak: Economics of transport. Publishing House of the University of Gdańsk, Gdańsk 2007.  2. Polish market of transport services. Functioning-changes-development. D. Rucińska. Polish Scientific Publishers. Warsaw 2012.  3. R. Tomanek: The functioning of transport. Publishing House of the K. Adamiecki in Katowice, Katowice 2004	
	Supplementary literature	1. W. Rydzkowski. K. Wojewódzka-Król. Transport. PWN 2007.  2. Logistics (magazine)  3. Scientific Journals of the University of Gdańsk	
	eResources addresses	Adresy na platformie eNauczanie:	
	Example issues/ example questions/ tasks being completed	Relationship between economic development and transport development.  Internal and external costs in transport.  Specific features of the supply of transport services	
Work placement	Not applicable		

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