University of Gdańsk

Subject card

Subject name and code	Transport Economics and Organization, PG_00199884						
Field of study	Economics						
Date of commencement of studies	October 2026		Academic year of realisation of subject		2027/2028		
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	part-time studies		Mode of delivery		at the university		
Year of study	2		Language of instruction		Polish		
Semester of study	4		ECTS credits		4.0		
Learning profile	academic		Assessment form		exam		
Conducting unit	Department of Transport Economics -> Faculty of Economics -> Rector						
Name and surname of lecturer (lecturers)	Subject supervisor		dr hab. Aleksandra Koźlak, prof. UG				
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	20.0	14.0	0.0	12.0	0.0	46
	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	46		0.0		54.0	100
Subject objectives	The aim of the course is to learn basic industry terminology, the specifics of transport service production and the factors shaping the transport market: demand, supply, costs, prices						

Learning outcomes

Course outcome	Subject outcome	Method of verification
[EKONL3_U07] is able to participate in analyses and evaluations of alternative solutions to economic and social problems and to choose the methods and instruments to resolve them rationally	E1_U07 The student is able to participate in the analysis and evaluation of alternative solutions to economic problems in transport and to select appropriate methods and instruments. The student is able to conduct a group project on the impact of transportation on the environment and consults on the project's objectives and progress with the lecturer during consultations and project sessions included in the timetable.	[SU2] presentation/project/paper/ report [SU4] test/exam - oral or written
[EKONL3_U01] can correctly interpret economic and social phenomena and apply knowledge of economics, finance and management sciences to explain economic phenomena	E1_U01 The student is able to correctly observe and interpret economic and transport phenomena and processes, and is able to correctly use basic transport terminology. The student is able to conduct a group project on the impact of transportation on the environment and consults on the project's objectives and progress with the lecturer during consultations and project sessions included in the timetable.	[SU2] presentation/project/paper/ report [SU4] test/exam - oral or written
[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	E1_K02 Students are able to verify their knowledge and to independently supplement and improve their knowledge and economic skills related to the activity of transport activity	[SK4] test/exam - oral or written
[EKONL3_W02] has an advanced knowledge of the different types of existing business entities and organisations and public institutions	E1_W02 The student has advanced knowledge of entities, economic organisations and public institutions functioning in the transport sector	[SW4] test/exam - oral or written
[EKONL3_W04] knows the types of economic and social ties and the regularities governing them	E1_W04 The student has basic knowledge of transport processes, phenomena, entities, structures and the regularities governing them.	[SW4] test/exam - oral or written [SW2] presentation/project/paper/ report
[EKONL3_W07] has an advanced knowledge of the economic and financial principles of the functioning and management of economic entities and organisations as well as the legal, organisational, moral and ethical norms and rules governing the functioning of public institutions	E1_W07 The student has knowledge of principles, norms, regularities organizing economic structures and institutions in transport	[SW4] test/exam - oral or written
[EKONL3_K01] recognises the importance of economic knowledge in identifying and solving economic problems and of consulting experts when difficulties in solving them independently	E1_K01 The student understands the importance of economics in identifying and solving economic problems in the field of transport and, if necessary, consults experts	[SK4] test/exam - oral or written
[EKONL3_U03] is able to analyse the causes and course of specific economic and social processes and phenomena, and accurately analyse these phenomena using adequate methods and tools economic and social	E1_U03 The student is able to correctly analyse the causes and course of specific economic and transport processes and phenomena. The student is able to conduct a group project on the impact of transportation on the environment and consults on the project's objectives and progress with the lecturer during consultations and project sessions included in the timetable.	[SU2] presentation/project/paper/ report [SU4] test/exam - oral or written

Subject contents	1. The social, economic and environmental significance of transport 2. Transport systems and their integration 3. Transport infrastructure as a factor of production 4. Development of infrastructure and technology in transport 5. Demand for transport services 6. Supply of transport services and organisation of the freight transport processes 7. Supply of services and organisation of passenger transport 8. The transport market 9. Competition on the transport market 10. Prices for transport services Any doubts regarding the issues discussed during classes can be discussed during consultations.
Prerequisites and co-requisites	Knowledge of basic economic issues

Assessment methods and criteria

Subject passing criteria	Passing threshold	Percentage of the final grade
Group project	51.0%	20.0%
Written test	51.0%	80.0%

Recommended reading

Basic literature	1. A. Koźlak, Ekonomika transportu, Wyd. UG, Gdansk 2010. 2. Transport. Tendencje zmian. Red. K. Wojewódzka-Król, E. Załoga. PWN, Warszawa 2022.
Supplementary literature	1. K. Wojewódzka-Król, R. Rolbiecki: Infrastruktura transportu. Europa, Polska- Teoria i praktyka Wydawnictwo Naukowe PWN, Gdańsk 2018 2. Technologie transportowe XXI wieku, pod red. L. Mindura, Instytut Technologii Eksploatacji-Państwowy Instytut Badawczy, Warszawa - Radom 2008 3. Podręcznik Spedytora, praca zbiorowa pod red. D. Marciniak-Neider i J. Neidera, PISiL, Gdynia 2020.
eResources addresses	

Example issues/ example questions/ tasks being completed	1. Intermodal transport refers to (1 correct answer): • the carriage of freight using two vehicles in a single mode of transport • cargo transport using two vehicles from different modes of transport • cargo transport in a container using two vehicles in one transport mode • cargo transport by container using two vehicles from different modes of transport 2. Transport needs according to the purpose of the journey are divided into (1 correct answer): • social, health, labour • professional, subsistence, recreational, other • optional, incidental • absolutely obligatory, relatively obligatory 3. Group project - The negative impact of transportation on the environment and human health / prevention methods
Work placement	Not applicable

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