

Subject card

Subject name and code	Proecologic Trends in Transport, PG_00015413						
Field of study	Economics						
Date of commencement of studies	October 2024		Academic year of realisation of subject		2025/2026		
Education level	Bachelor's studies		Subject group		Obligatory subject group in the field of study Optional subject group		
Mode of study	full-time studies		Mode of delivery		at the university		
Year of study	2		Language of instruction		Polish		
Semester of study	4		ECTS credits		2.0		
Learning profile	academic		Assessment form		credit		
Conducting unit							
Name and surname of lecturer (lecturers)	Subject supervisor		dr Aleksandra Gus-Puszczewicz				
	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		0.0		0.0	30
Subject objectives	The aim of the course is to provide students with knowledge about the importance of the environmental aspect in the process sustainable development of transport and indication of pro-ecological trends in this sector of the economy. The item has also aimed at developing social competences in teamwork in resolving dilemmas related to...implementing pro-ecological solutions in transport.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[EKONL3_W05] has advanced knowledge of man as a subject who creates social structures and the principles of their functioning and of his action in these structures, knows well the motives of human economic decision-making	The student has knowledge about man as a subject creating social structures and the principles of their functioning in a sustainable development economy.	[SW1] oral statement/conversation/discussion
	[EKONL3_U02] is able to use the knowledge of theory and data to analyse concrete economic and social processes and phenomena and to analyse these phenomena using methods developed in economics, finance and management sciences	The student is able to utilize the theoretical knowledge they possess and gather data to analyze the ecological aspects of economic and social processes and phenomena, as well as to analyze these phenomena using methods developed in economics, finance, and management sciences.	[SU5] implementation of a problem task
	[EKONL3_U04] can predict and forecast the course of economic and social processes and phenomena	The student is able to predict the course of economic, social, and environmental processes and phenomena, and to forecast these phenomena.	[SU2] presentation/project/paper/report [SU5] implementation of a problem task
	[EKONL3_K06] is willing to be guided in his professional life by business ethics and corporate social responsibility, to respect others and to be loyal to his employer	The student is ready to be guided in their professional life by business ethics and social responsibility, respect for others, and being loyal to the employer and society.	[SK1] oral statement/conversation/discussion
	[EKONL3_K05] correctly identifies, diagnoses and resolves professional dilemmas and different options for solutions	The student correctly identifies, diagnoses, and resolves dilemmas and various solution options related to performing the profession of a freight forwarder and a transport manager.	[SK2] presentation/project/paper/report [SK5] implementation of a problem task
	[EKONL3_U05] uses normative systems (legal, professional, ethical) to solve a specific economic or social task	The student uses normative systems (legal, professional, ethical) to solve a specific economic, social, and environmental task.	[SU2] presentation/project/paper/report
	[EKONL3_W04] knows the types of economic and social ties and the regularities governing them	The student knows the types of economic and social bonds and the principles that govern them.	[SW2] presentation/project/paper/report
Subject contents	The essence of sustainable development of the transport system Environmentally friendly branches on the example of inland water transport:- place of inland water transport in the transport system- inland water transport infrastructure- means of transport and transport technologies - trends in the development of inland water transport Ecological trends in the development of linear and point infrastructure in individual modes of transport Means of transport in modes of transport: development of ecological means of transport and transport technologies in individual modes of transport Development of inter-industry technology Intelligent transport systems		
Prerequisites and co-requisites	Knowledge of basic economics, transport and ecology is required		
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	tasks	51.0%	30.0%
	presentation	51.0%	40.0%
	projekt	51.0%	30.0%

Recommended reading	Basic literature	1. Transport. Tendencje zmian, pod red. K. Wojewódzkiej-Król, E. Załoga, PWN, Warszawa 2022; 2. Innowacje w transporcie, pod red. K. Wojewódzkiej-Król, PWN, Warszawa 2024; 3. A. Gus-Puszczewicz, Kompleksowe zagospodarowanie dolnej Wisły w świetle idei zrównoważonego rozwoju, Wydawnictwo UG, Gdańsk 2024, 4. R. Rolbiecki, K. Wojewódzka-Król, A. Gus-Puszczewicz, Transport wodny śródlądowy w zrównoważonym rozwoju, Wydawnictwo UG, Gdańsk 2020; 5. Europejski Zielony Ład, Komisja Europejska, Bruksela, dnia 11.12.2019 r., Com(2019) 640 final; 6. B. Pawłowska, Zrównoważony rozwój transportu na tle współczesnych procesów społeczno-gospodarczych, Wydawnictwo UG, Gdańsk 2013;
	Supplementary literature	1. K. Wojewódzka-Król, Dylematy zrównoważonego rozwoju infrastruktury transportu w Polsce, [w:] Rozwój i funkcjonowanie transportu w świetle zrównoważonego rozwoju, pod red.: R. Rolbieckiego, Zeszyty Naukowe Uniwersytetu Gdańskiego Ekonomia Transportu i Logistyka, Wydawnictwo UG, Gdańsk 2017, nr 63; 2. A. Gus-Puszczewicz, "Europejskie dobre praktyki" jako narzędzie eliminacji wąskich gardeł na śródlądowych drogach wodnych, [w:] Wybrane problemy gałęzi transportu, pod red.: R. Rolbieckiego, Zeszyty Naukowe Uniwersytetu Gdańskiego Ekonomia Transportu i Logistyka, Wydawnictwo UG, Gdańsk 2014, nr 50; 3. A. Gus-Puszczewicz, Wybrane wskaźniki zrównoważonego rozwoju, [w:] Aktualne problemy rozwoju transportu i logistyki, pod red.: R. Rolbieckiego, Zeszyty Naukowe Uniwersytetu Gdańskiego Ekonomia Transportu i Logistyka, Wydawnictwo UG, Gdańsk 2013, nr 47;
	eResources addresses	
Example issues/ example questions/ tasks being completed	Development and implementation of ecological technologies in transport Policies and regulations supporting sustainable transport Challenges and the future of sustainable transport The future of transport: innovations and visions for the coming decades	
Work placement	Not applicable	

Document generated electronically. Does not require a seal or signature.