

Subject card

Subject name and code	Shared Mobility in the Sharing Economy , PG_00152956						
Field of study	Economics, International Economic Relations						
Date of commencement of studies	October 2024		Academic year of realisation of subject		2025/2026		
Education level	Master'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		English		
Semester of study	4		ECTS credits		5.0		
Learning profile	academic		Assessment form		credit		
Conducting unit							
Name and surname of lecturer (lecturers)	Subject supervisor		dr Elżbieta Adamowicz				
	Teachers		dr Elżbieta Adamowicz				
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 lecture is to improve students knowledge about shared mobility including characteristics of sharing economy concept, modern passenger transport and forms of shared mobility services.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[MSGMU2_W03] knows and understands types of economic ties and the regularities governing them; understands the conditions and principles of the functioning of the market and the market mechanism in the national, international and global aspect	has an in-depth knowledge of relations between economic phenomena, entities and organisations as well as public institutions functioning on the shared mobility market	[SW1] oral statement/ conversation/discussion [SW2] presentation/project/paper/ report
	[EKONMU2_W03] has a knowledge of relations between economic phenomena, entities and organisations as well as public institutions functioning in the national, international and intercultural spheres	has an in-depth knowledge of relations between economic phenomena, entities and organisations as well as public institutions functioning on the shared mobility market	[SW1] oral statement/ conversation/discussion [SW2] presentation/project/paper/ report
	[MSGMU2_K04] is ready to think and act in an entrepreneurial manner; adapts to new situations and conditions; undertakes challenges of creative thinking; acquires resilience to failures; assesses risks and threats and finds ways of counteracting their effects	is ready to think and act in an entrepreneurial manner; adapts to new situations and conditions; undertakes challenges of creative thinking; acquires resilience to failures; can assess risks and threats and find ways of counteracting their effects	[SK1] oral statement/conversation/ discussion [SK2] presentation/project/paper/ report
	[MSGMU2_U01] can creatively interpret and explain complex and atypical economic phenomena and the relations occurring between them, using the acquired knowledge in economics, finance and international economic relations	can practically apply various forms and range of acquired knowledge in economics, finance and management, supplementing it with an independent critical analysis of its efficiency and usefulness on shared mobility market	[SU1] oral statement/conversation/ discussion [SU2] presentation/project/paper/ report
	[EKONMU2_U08] can independently analyse economic and social phenomena and processes, and can perform a theoretically deepened assessment of such phenomena, using appropriately selected research method	can independently analyse economic and social phenomena and processes, and can perform a theoretically deepened assessment of such phenomena, using appropriately selected research method	[SU1] oral statement/conversation/ discussion [SU2] presentation/project/paper/ report
	[EKONMU2_W07] has an in-depth knowledge of economic and financial principles governing the functioning and management of economic entities and organisations, as well as of systems of legal, organisational, professional, moral and ethical norms and rules organising public structures and institutions, both in the national and international spheres	has an in-depth knowledge of economic and financial principles governing the functioning and management on shared mobility market	[SW1] oral statement/ conversation/discussion [SW2] presentation/project/paper/ report
	[EKONMU2_K03] inspires and organises preparation of economic and social projects, following the idea of sustainable development, reconciling legal, economic, ecological, political and social requirements	inspires and organises preparation of economic and social projects, following the idea of sustainable development, reconciling legal, economic, ecological, political and social requirements in the scope of shared mobility	[SK1] oral statement/conversation/ discussion [SK2] presentation/project/paper/ report

Subject contents	I. Sharing Economy concept and passenger transport (history of a sharing economy concept, growth factors, features, conditions, challenges, sharing economy market) II. Ride sharing as a part of the sharing economy (sharing economy in transport sector, transport modal split, EU policy, sustainable development, urban transport problems, passengers behaviour and preferences) III. Shared mobility as an innovation in passenger transport (innovative concepts of passenger transport: electric vehicles, autonomous vehicles, sustainable transport management and organisation, key IT solutions supporting passengers, shared mobility, Mobility as a Service -MaaS concept) IV. Car as a non-private mode of transport (car-sharing, car-pooling, business models, ridesharing mobile applications - the usage, new markets, legal issues, impact on modal split) V. Bike sharing (definition, history and market growth, impact on environment and public health, financing, enablers and barriers to popularization for introduction and popularization (e.g. infrastructure, weather conditions, fleet rebalancing)) VI. E-scooter sharing and moped sharing (shared e-scooters mopeds as a complementary mode of urban transportation, market growth, the infrastructure problems, fleet rebalancing problem in comparison to the bike-sharing services) VII. Impact of shared mobility on passenger transport in urban areas (identification of factors influencing changes in passengers behaviour, travel time savings as a motivation, transport external costs reduction as a positive effect of introducing shared mobility, smart cities) Doubts that arise during the implementation of the subject content or problems of interpretation will be resolved during consultations.		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Presentation on the shared mobility system in selected cities around the world (up to 43 points)	51.0%	43.0%
	Preparation and presentation of an infographic of the business model of the selected car-sharing operator (up to 24 points)	51.0%	24.0%
	Student's presence at the meetings (up to 13 pts), active participation in the in-class experiments and problem solving (group work) (up to 10 pts), Q&A (up to 10 pts).	51.0%	33.0%
Recommended reading	Basic literature	C. Codagnone, B. Martens, Scoping the Sharing Economy: Origins, Definitions, Impact and Regulatory Issues, JRC Technical Reports, Institute for Prospective Technological Studies, Digital Economy Working Paper 2016/01, European Commission, available on-line: https://papers.ssrn.com/sol3/papers.cfm?abstract_id=2783662 M. Kamargianni, W.L. Melinda, M.A. Schäfer, A Critical Review of New Mobility Services for Urban Transport, Transportation Research Procedia, Elsevier, Vol. 14, 2016, available on-line: https://www.sciencedirect.com/science/article/pii/S2352146516302836	
	Supplementary literature	Sharing in success. Arthur D. Little Report 2024 http://movmi.net/ T. Bielinski, A. Wazna, Electric Scooter Sharing and Bike Sharing User Behaviour and Characteristics, Sustainability, 2020, 12(22), 9640, available on-line: https://www.mdpi.com/2071-1050/12/22/9640/htm	
	eResources addresses		
Example issues/ example questions/ tasks being completed			
Work placement	Not applicable		

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