

SYLLABUS academic year 2023/24Faculty of Economics University of Gdansk

Name of unit administrating study KRT Field of study Economics/MSG** Field of specialisation NONE; Teaching staff Katarzyna Hebel, Associate Professor; Marcin Wolek, Associate Professor; Aleksander Jagiello, Ph.D. Number of hours Lectures 30 Classes 0 Tutorials 0 Laboratory 0 Seminars 0 Language classes 0 Forma aktywności Year&Type of studies* 2 SS2, 3 SS1, 1 SS2, 1 Hours with the participation of the academic teacher (including office hours, exams, others): Total number of hours: 0 Language of instruction: Type of course: Optional (student's self-study, homeworks): 0 Language of instruction: Teaching form In-class learning Teaching methods Lectures including multimodal presentations, Activating methods in training classes, Case studies, Visiting public transport company PKT Gdynia sp.zo.o a trolleybus operator from Gdynia (topic on electromobility). Prerequirements. Normal requirements. Required courses and introductory requirements Assessment method, forms and criteria Presentation or sustainable urban transport and mobility subject (the title will be individually electromobility). Single place of the study of the second during lecture). Prevention or increase including increase Prevention or increase Prevention	Course title	Sustainable	stainable Urban Transport and Mobility ECTS code 14.03.5								.5371	
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	Outcomes	written			per			1	classroom activities	classroom discussion	individual project	group project
	E2_W01						Х	i	Х	Х		

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MSG2_W01						Х	Х	Х	Х		
Skills	E2_U01	can use acquired knowledge to describe and analyse the causes and course of economic and social processes and phenomena, especially those related to the sustainable urban mobility, and can formulate his/her own opinions and critically select data and analysis methods based on the achievements of economic and social sciences									
	MSG2_U	rela mob	can creatively interpret and explain complex and atypical economic phenomena and the relations occurring between them, especially those related to the sustainable urban mobility, using the acquired knowledge in economics, finance and international economic relations;								
Verification of learning outcomes - Skills											
Outcomes	written exam	oral exam	test	essay/paper /portfolio	tasks/ homeworks	individual presentation	group presentation	classroom activities	classroom discussion	individual project	group project
E2_U01						Х	Х	Х	X		
MSG2_U01						Х	Х	Х	Х		
Attitudes	E2_K02 is aware of the level of his/her knowledge in the field of economics and sustainable urba mobility; understands the need to extend and update this knowledge throughout his/her life										
	MSG2_K02 is ready to critically assess the level of acquired knowledge, skills competence in the area of international economic relations, inclumobility										
Verification of learning outcomes - Attitudes											
Outcomes	written exam	oral exam	test	essay/paper /portfolio	tasks/ homeworks	individual presentation	group presentation	classroom activities	classroom discussion	individual project	group project
E2_K02							X	Х	X		
MSG2_K02							X	Х	X		

Course contents

- 1. The city as an area of sustainable transport and mobility
- 1.1. Urbanisation: global and local context
- 1.2. Spatial accessibility
- 1.3. Transport and smart city concept
- 2. Urban transport market: supply
- 2.1. Market organisation and structure
- 2.2. Stakeholders on urban transport market
- 2.3. Supply of urban transport services
- 3. Urban electromobility
- 3.1. The concept of electromobility
- 3.2. New trends in electromobility in cities
- 3.3. Electromobility: case studies
- 4. Case study on electromobility: a study visit in the trolleybus operator (PKT Gdynia sp. z o.o.) in Gdynia
- 5. Urban transport market: demand
- 5.1.The nature of demand in transport
- 5.2. Consumer behavior on urban transport market
- 5.3. Segmentation of the passenger urban transport market
- 6. Marketing research on urban transport market
- 6.1. The proces of marketing research
- 6.2. Main challenges for the research on urban transport market
- 6.3. Selected case studies
- 7.C ase study on marketing research: a study visit in ZKM Gdynia (a Public Transport Authority for Gdynia)
- 8. Costs and pricing on urban transport market
- 8.1. Costs: a perspective of public transport operator
- 8.2. External costs in public transport
- 8.3. Pricing of urban transport services
- 9. Urban transport and mobility policy

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- 9.1. Factors determining transport policy
- 9.2. Sustainable Urban Mobility Plans (SUMP) as a local policy tool
- 9.3. Selected case studies
- 10. Presentations of selected case studies prepared by students
- 11. Presentations of selected case studies prepared by students

Recommended reading lists

Basic literature:

1. SUMP for Cities' Sustainable Development. Editors: M. Burinskiene, R. Uspalyte-Vitkuniene. MDPI, Basel 2021. Link to download:

https://www.mdpi.com/books/pdfdownload/book/3574

- 2. S. Schonfelder, K.W. Axuausen, Urban Rhythms and Travel Behaviour, Routledge, London New York 2010.
- 3. Selected papers from the following journals: "Journal of Cleaner Production", "Energies", Transportation", "Sustainability" (I.e. M. Wolek et al.: Integration of a multilevel transport system model into sustainable urban mobility planning "Sustainability" 2018 2018, vol. 10, nr 2)

Contact

katarzyna.hebel@ug.edu.pl, marcin.wolek@ug.edu.pl, aleksander.jagiello@ug.edu.pl,

^{*} SS1- undergraduate studies * SS2 - graduate studies * SDang - doctoral studies ** MSG - International Economic Relations