

Course title	City Logistics					ECTS code	14.3.EE.FL.3332				
						ECTS credits	5				
						max. students	20				
Name of unit administrating study	KPTiIG	Field of study	Economics/MSG**		Field of specialisation						
Teaching staff	Maria Matusiewicz, Ph.D.										
Number of hours											
Lectures	0	Classes	0	Tutorials	30	Laboratory	0	Seminars	0	Language classes	0
Forma aktywności						Year&Type of studies*	1 SS2, 2 SS2, 1 SS1, 2 SS1,				
Hours with the participation of the academic teacher (including office hours, exams, others):						Semester:	2, 4, 2, 4,				
Hours without the participation of the academic teacher (student's self-study, homeworks):						Type of course:	optional				
Total number of hours:						0	Language of instruction:	English			
Teaching form	in-class learning Wydział Ekonomiczny										
Teaching methods	Activating methods in training classes, Discussion, questioning, Lectures including multimodal presentations, Individual projects, Collaborating, group activities,										
Prerequisites (required courses and introductory requirements)											
Required courses	none										
Introductory requirements	basic knowledge on logistics										
Assessment method, forms and criteria											
Assessment method	Course completion (graded)										
Assessment criteria	<ul style="list-style-type: none"> the evaluation criterion is based on a presentation prepared individually or in a small group (if the number of people is too large for individual presentations) additional points can be obtained for activity in the classroom and participation in the discussion the attendance is obligatory the final evaluation contains of the attendance and the individual project or exam in case of a lot of absenties. in the case of an insufficient number of points, the student writes an exam on the topics discussed in classes and on the basis of the compulsory literature 										
Course objectives											
The aim of the course is to explore issues related to the distribution of goods in urban space - the role of city government policy, the position of users of urban space, the role of stakeholders, interesting international solutions, examples of good practices.											
Learning outcomes											
Knowledge	E2_W02	student has an in-depth knowledge of various types of existing city stakeholders.									
	E2_W03	student has an in-depth knowledge of relations between city logistics phenomena and stakeholders functioning in the national, international and intercultural spheres.									
	E2_W07	student has an in-depth knowledge of economic and logistics principles governing the functioning and management of cities, 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.									
	E2_W08	student has an in-depth knowledge of processes occurring in enterprises and economic organisations and with related areas, as well as of processes of change in public institutions.									
	MSG2_W03	knows and understands types of economic ties between city stakeholders and the regularities governing them; understands the conditions and principles of the functioning									

		of the city logistics market and this market mechanism in the regional aspect;
MSG2_W04		has an in-depth knowledge of different types and elements of city structures in relation to urban logistics and institutions, including organisations and economic entities influencing city logistics; understands the causes, course, scale and consequences of changes occurring in them, as well as relations between them on a regional level
MSG2_W07		has an in-depth knowledge of selected (legal, organisational, ethical) rules and norms conditioning the functioning of economic structures determining city logistics and institutions on the this market; understands the regularities governing them, changes occurring in them and their sources, and their impact on the functioning of city logistics stakeholders
MSG2_W10		has an in-depth knowledge of the legal, cultural and financial conditions related to city logistics operations

Verification of learning outcomes - Knowledge

Outcomes	written exam	oral exam	test	essay/paper /portfolio	tasks/ homeworks	individual presentation	group presentation	classroom activities	classroom discussion	individual project	group project
E2_W02	X							X	X	X	X
E2_W03	X							X	X	X	X
E2_W07	X							X	X	X	X
E2_W08	X							X	X	X	X
MSG2_W03	X							X	X	X	X
MSG2_W04	X							X	X	X	X
MSG2_W07	X							X	X	X	X
MSG2_W10	X							X	X	X	X

Skills		
E2_U02		The student can use acquired knowledge to describe and analyse the causes and course of logistics processes in cities, and can formulate his/her own opinions.
E2_U07		The student can independently propose solutions to complex logistics problems in cities and conduct conclusive procedures in this respect.
E2_U10		The student has an advanced ability to prepare specialist oral presentations, in English language, on logistics in city, using specialist theoretical approaches, the principles of collecting various sources of data, their description and interpretation, and drawing conclusions based on scientific literature; can prepare and conduct a debate.
MSG2_U01		can creatively interpret and explain complex and atypical city logistics phenomena and the relations occurring between them, using the acquired knowledge in economics and logistics
MSG2_U02		can observe, evaluate and critically analyse the causes and course of processes and phenomena taking place in the in the city in relation to urban logistics; can formulate his/her own opinions on the subject, interpret data and logistics indicators necessary in this respect,
MSG2_U03		can identify and analyse relations between city logistics stakeholders and institutions in their regional and national environment;

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_U02	X					X		X	X	X	
E2_U07	X					X		X	X	X	
E2_U10	X					X		X	X	X	
MSG2_U01	X					X		X	X	X	

MSG2_U02	X					X		X	X	X	
MSG2_U03	X					X		X	X	X	
Attitudes	E2_K04	The student 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.									
	E2_K05	The student correctly identifies, diagnoses and solves dilemmas and alternative solutions related to the profession.									
	MSG2_K01	is ready to recognise the importance of knowledge of city logistics in the process of identifying and solving problems in the area of urban logistics and to consult experts in case of difficulties in solving them independently;									
	MSG2_K02	is ready to critically assess the level of acquired knowledge, skills and professional competence in the area of city logistics									

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_K04	X					X		X	X	X	
E2_K05	X					X		X	X	X	
MSG2_K01	X					X		X	X	X	
MSG2_K02	X					X		X	X	X	

Course contents

1. Urban logistics in the concept of sustainable development.
2. The idea of sustainable development as one of the factors influencing the functioning of the city's logistics system.
3. Functions and goals of city logistics.
4. EU recommendations for sustainable transport policy in cities.
5. City logistics tools.
6. Types and functions of city logistics tools.
7. Shared logistics as an innovative tool for shaping sustainable city logistics.
8. The transport policy of the European Union as a tool for shaping sustainable mobility and urban logistics.
9. Sustainable Urban Mobility Plan (SUMP) and Sustainable Urban Logistics Plan (SULP) as tools for shaping urban transport policy for people and goods.
10. Analysis of the use of innovative city logistics tools based on the experience of selected cities in Europe.
11. Examples of implementing regulatory tools.
12. Examples of the implementation of technological tools.
13. Examples of implementing infrastructure tools.
14. Directions of development of sustainable urban mobility and city logistics.

Recommended reading lists
Obligatory literature:

- Matusiewicz M., Logistics of the future - Physical Internet and its practicality, *Transportation Journal*, 2020, vol. 59, nr 2, s.200-214. DOI:10.5325/transportationj.59.2.0200
- Matusiewicz M., Rolbiecki R, The tendency of city stakeholders to implement sustainable logistics measures using the port city of Gdynia as an example, *Zeszyty Naukowe / Akademia Morska w Szczecinie*, 2021, nr 66 (138), s.1-12.
- Matusiewicz M., Resistance in adapting to sustainable mobility and new Sustainable Mobility Indicator - case study of a Polish agglomeration, *Prace Komisji Geografii Komunikacji PTG*, 2020, vol. 23, nr 4, s.42-48. DOI:10.4467/2543859XPKG.20.026.13128
- Matusiewicz, M. The argumentation for the implementation of Urban Consolidation Centre for the Old Town in Gdansk as an indication of sustainable urban freight logistics. *Res. J. Univ. Gdansk. Transp. Econ. Logist.* 2017, 69, 63-71.

Supplementary literature

- Kaszubowski, D. Recommendations for urban freight policy development in Gdynia, *Transportation Research Procedia* 12. In *Proceedings of the 9th International Conference on City Logistics*, Tenerife, Canary Islands, Spain, 17-19 June 2015.
- Debyser, A. *Urban Mobility. Shifting Towards Sustainable Transport Systems*; European Parliamentary Research Service: Brussels, Belgium, 2014



- Dolan, S. The Challenges of Last Mile Logistics & Delivery Technology Solutions. 2018. Available online: <https://www.businessinsider.com/last-mile-delivery-shipping-explained?IR=T>
- Foltynski, M. New challenges for transport systems beyond 2020—SULPITER project. In Proceedings of the 3rd International Conference Green Cities 2018-Green Logistics for Greener Cities, Szczecin, Poland, 13-14 September 2018.
- Amundsen, A.H.; Sundvor, I. Low Emission Zones in Europe Requirements, enforcement and air quality, Institute of Transport Economics, Norwegian Centre of Transport Research. 2018. Available online: <https://www.toi.no/getfile.php?mmfileid=49204>
- Giuliano, G. The challenges of urban freight: A research perspective. In Proceedings of the 2018 VREF Conference on Urban Freight, Gothenburg, Sweden, 17-19 October 2018.

Contact

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