University of Gdańsk

Subject card

Subject name and code	Urban mobility management - exercises, PG_00170001		
Field of study	Economics		
Date of commencement of studies	October 2025	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
Mode of study	full-time studies	Mode of delivery	at the university
Year of study	3	Language of instruction	Polish Polish
Semester of study	6	ECTS credits	2.0
Learning profile	academic	Assessment form	credit
Conducting unit			
Name and surname of lecturer (lecturers)	Subject supervisor	dr hab. Marcin Wołek	
	Teachers		

Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	15.0	0.0	0.0	0.0	15
	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	15	5.0	30.0	50

Subject objectives	Familiarising students with the practical aspects of the process and the tools for managing urban mobility, taking into account the specifics of so-called active mobility as well as elements of urban logistics.

Learning outcomes

Course outcome	Subject outcome	Method of verification
[EKONL3_K03] participates in the preparation of economic and social projects, being able to reconcile legal, economic, ecological, political and social requirements	The student is able to prepare a project based on economic theories related to sustainable development.	[SK1] oral statement/conversation/ discussion [SK2] presentation/project/paper/ report
[EKONL3_W04] knows the types of economic and social ties and the regularities governing them	The student is able to identify the key stakeholders in planning the process of sustainable urban mobility. The student can also indicate the fundamental interdependencies and areas of conflict arising from their interactions.	[SW1] oral statement/ conversation/discussion [SW2] presentation/project/paper/ report
[EKONL3_U06] uses the knowledge acquired in economics, finance and management to solve economic and social dilemmas arising in the professional context	Drawing on a broad set of knowledge in economics, finance, and management, the student is able to identify and resolve key dilemmas in the decision-making process of sustainable urban mobility planning, being aware of the economic, social, political, and environmental consequences.	[SU1] oral statement/conversation/ discussion [SU2] presentation/project/paper/ report [SU8] observation of student's independent or team work
[EKONL3_W02] has advanced knowledge of the different types of existing business entities and organisations and public institutions	The student possesses in-depth knowledge of the entities influencing the shaping of sustainable urban mobility processes in cities, with particular emphasis on public sector entities.	[SW1] oral statement/ conversation/discussion [SW2] presentation/project/paper/ report
[EKONL3_U08] has the ability to observe, understand and analyse economic and social phenomena and processes using appropriate scientific methods	The student is able to evaluate the individual elements and tools used in the process of sustainable mobility planning.	[SU1] oral statement/conversation/ discussion [SU2] presentation/project/paper/ report

Subject contents

1. Spatial planning and urban mobility

2. The essence of sustainable urban mobility planning
3. Instruments for balancing urban mobility
4. Active mobility in sustainable mobility planning
5. Public transport in cities
6. Shared mobility services in meeting transport needs
7. Urban logistics management

Any questions or concerns regarding the discussed issues may be addressed with the Instructor during the consultation session.

Prerequisites and co-requisites

Assessment methods and criteria

Subject passing criteria	Passing threshold	Percentage of the final grade
The project	51.0%	75.0%
Attendance rate	75.0%	25.0%

Recommended reading

Basic literature	1. Guidelines for developing and implementing a Sustainable Urban Mobility Plan (2nd edition), available online: https://www.eltis.org/sites/default/files/sump_guidelines_2019_interactive_document_1.pdf 2. K. Grzelec, K. Hebel, O. Wyszomirski: Zarządzanie zbiorowym transportem miejskim w warunkach polityki zrównoważonej mobilności. Wyd. Uniwersytetu Gdańskiego, Gdańsk 2020 3. A. Jagiełło: Elektromobilność w kształtowaniu rozwoju drogowego transportu miejskiego w Polsce. Wyd. Uniwersytetu Gdańskiego, Gdańsk 2021 4. Content of the Competence Centre for SUMPS for BSR
Supplementary literature	1. M. Wołek et al.: Ensuring sustainable development of urban public transport: a case study of the trolleybus system in Gdynia and Sopot (Poland). "Journal of Cleaner Production" 2021 vol. 279
eResources addresses	

Example issues/ example questions/ tasks being completed	Spatial planning and urban mobility a comparative analysis of selected cities in the context of the 15-minute city concept. Development of a monitoring and evaluation framework for part or all of a sustainable urban mobility plan. Development of a monitoring framework for an urban mobility management project in the education sector of a city.
Work placement	Not applicable

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