

Subject card

Subject name and code	Supply Chain Management, PG_00174112						
Field of study	Logistics and Mobility						
Date of commencement of studies	October 2025		Academic year of realisation of subject		2026/2027		
Education level	Master's studies		Subject group		Obligatory subject group in the field of study		
Mode of study	full-time studies		Mode of delivery		at the university		
Year of study	2		Language of instruction		English		
Semester of study	3		ECTS credits		1.0		
Learning profile	academic		Assessment form		credit		
Conducting unit	Department of Logistics -> Faculty of Economics -> Rector						
Name and surname of lecturer (lecturers)	Subject supervisor		mgr Patryk Wierzbowski				
	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		10.0		0.0	25
Subject objectives	The goal of the course is to acquaint students with basic knowledge and terminoogy concerning supply chain management, as well as the methods and tools that can be used in supply chain management. At the end of this course, the students should have the understanding of the differences between supply chain management and logistics, the importance of supply chain integration, the significance of global challenges to supply chains, as well as the capability to solve business problems in supply chain management.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[LMMU2_W07] has an in-depth knowledge of economic and financial principles governing the functioning and management of economic entities and organisations, which require logistics support or provide logistics services, 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	The student is familiar with complex economic phenomena and processes, as well as issues, problems, and theories in the field of international logistics, including major trends and relationships between entities in the global economy.	[SW2] presentation/project/paper/report [SW5] implementation of a problem task
	[LMMU2_U06] can practically apply various forms and range of acquired knowledge in logistics and mobility, supplementing it with an independent critical analysis of its efficiency and usefulness	The student can in-depth identify, synthesize data, and draw conclusions regarding the functioning of a company as a participant in international logistic processes, organize their own work, as well as collaborate and work in a team.	[SU5] implementation of a problem task [SU8] observation of student's independent or team work
	[LMMU2_U07] can independently propose solutions to complex logistics and mobility problems, select methods of analysis and conduct conclusive procedures in this respect	The student can in-depth identify, synthesize data, and draw conclusions regarding the functioning of a company as a participant in international logistic processes, organize their own work, as well as collaborate and work in a team.	[SU5] implementation of a problem task [SU8] observation of student's independent or team work
	[LMMU2_W04] knows different types of economic and social ties and regularities governing them; has an in-depth knowledge of ties between enterprises which require logistics support or provide logistics services	The student is familiar with complex economic phenomena and processes, as well as issues, problems, and theories in the field of international logistics, including major trends and relationships between entities in the global economy.	[SW2] presentation/project/paper/report [SW5] implementation of a problem task
	[LMMU2_K03] inspires and organises preparation of projects in the field of logistics and mobility, following the idea of sustainable development, reconciling legal, economic, ecological, political and social requirements	The student is prepared to undertake actions related to managing international logistics systems.	[SK5] implementation of a problem task [SK8] observation of student's independent or team work
	[LMMU2_W03] has an in-depth knowledge of relations between economic entities and organisations functioning in the national, international and intercultural spheres; understands importance logistics and mobility for their operation	The student is familiar with complex economic phenomena and processes, as well as issues, problems, and theories in the field of international logistics, including major trends and relationships between entities in the global economy.	[SW2] presentation/project/paper/report [SW5] implementation of a problem task
	[LMMU2_U02] can use acquired knowledge to describe and analyse the causes and course of logistics and mobility processes and systems, and can formulate his/her own opinions and critically select data and analysis methods based on the achievements of economic and social sciences	The student can in-depth identify, synthesize data, and draw conclusions regarding the functioning of a company as a participant in international logistic processes, organize their own work, as well as collaborate and work in a team.	[SU5] implementation of a problem task [SU8] observation of student's independent or team work
	[LMMU2_W08] has an in-depth knowledge of main and logistics processes occurring in enterprises and economic organisations and with related areas, as well as of processes of change in public institutions; knows methods of research on the regularities governing these changes, taking into account the influence of external stakeholders on them	The student is familiar with complex economic phenomena and processes, as well as issues, problems, and theories in the field of international logistics, including major trends and relationships between entities in the global economy.	[SW2] presentation/project/paper/report [SW5] implementation of a problem task

	Course outcome	Subject outcome	Method of verification
	[LMMU2_K06] is ready to observe and develop in his/her professional life principles of business ethics and corporate social responsibility, respect others, be loyal to their employer, taking into account changing social needs.	The student is prepared to undertake actions related to managing international logistics systems.	[SK5] implementation of a problem task [SK8] observation of student's independent or team work
	[LMMU2_K05] correctly identifies, diagnoses and solves dilemmas and alternative solutions related to the profession	The student is prepared to undertake actions related to managing international logistics systems.	[SK5] implementation of a problem task [SK8] observation of student's independent or team work
	[LMMU2_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; can assess risks and threats and find ways of counteracting their effects	The student is prepared to undertake actions related to managing international logistics systems.	[SK5] implementation of a problem task [SK8] observation of student's independent or team work
Subject contents	Introduction to supply chain management Lean game - principles of lean supply chain Beer game - coordination problem in supply chain Supply chain in automotive industry - case study Supply chain in fashion industry - case study Supply chain in retail industry - case study Location and network design During the consultation, individual questions from students will be discussed, doubts will be clarified, and additional explanations regarding the content of the subject will be provided.		
Prerequisites and co-requisites	Basic knowledge of the organization and functioning of global enterprises, basic microeconomics.		
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Activity in class	0.0%	20.0%
	Group presentations	51.0%	20.0%
	Group projects	51.0%	60.0%
Recommended reading	Basic literature	1. A. Harrison, R. van Hoek, Logistics management and strategy - competing through the supply chain, Prentice Hall, Harlow 2008. 2. James B. Ayers, Handbook of Supply Chain Management, Auerbach Publications, Boca Raton 2006. 3. M. Christopher, Logistics & Supply Chain Management, Prentice Hall, 2011. 4. Handouts distributed in class.	

	Supplementary literature	C. Scott, H. Lundgren, P. Thompson, Guide to Supply Chain Management: An End to End Perspective, Springer, 2018. R. Crandall, W Crandall, C. Chen, Principles of Supply Chain Managment, CRC Press, 2015 H.Min, The Essentials of Supply Chain Management, Pearson Education, 2015 M. Jażdżewska-Gutta, 2. Who is responsible? The roles of the supply chain participants in the area of supply chain security, International Academic Conference on Management, Economics and Marketing in Bratislava (IAC-MEM 2016). P. Wierzbowski, Application of Blockchain Technology in Information Management in Supply Chains, "Research Journal of the University of Gdańsk" Transport Economics and Logistics Vol. 78, Gdańsk 2018
	eResources addresses	
Example issues/ example questions/ tasks being completed		
Work placement	Not applicable	

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