



Andrzej Frycz Modrzewski Krakow University

SUBJECT CARD

1. Basic information

Subject	Logistics Management
Faculty	Faculty of Law
Field of study	International Relations
Specialisation	International Business
PQF level	6 PQF
Level of studies	first-cycle studies
Form of studies	full-time studies
Group of activities	-----
Number of ECTS credits	5
Subject type	specialization
Total number of hours	30h
Didactic cycle	2023/2024 winter
Academic semester	5
Academic year	3
Education profile	general academic
Year of implementation	2025/2026
Language of instruction	English
Person responsible for the subject	dr Piotr Staliński (e-mail: pstalinski@uafm.edu.pl)

Semester, number of ECTS credits, class type, number of hours

Semester	Lecture
5	30h 5 ECTS

2. Subject objectives

C1	The course introduces students to the field of Logistics Management. The course explains the role and importance of integrated management of materials and information flows in a supply chain and discusses a broad range of both strategic and operational decisions made by Logistics/Supply Chain managers. The course covers subject areas such as logistics systems design, production planning, advanced inventory management, Theory of Constraints, Lean Manufacturing, transportation planning, supply management, and information technology and coordination in Supply Chain Management. Supply Chain strategies of leading manufacturing and service organizations are discussed to illustrate the concepts discussed during the semester.
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3. Prerequisites

Statistics, Operations Management

4. Learning content

W1	Knowledge: to discuss the role and importance of Logistics Management and to identify various types of decisions made by Logistics managers	EUK6_W1
W2	Knowledge: to discuss modern Logistics Management methodologies and techniques and to illustrate their application in reaching an optimal managerial decision.	EUK6_W1
W3	Knowledge: to explain how performance of logistics systems can be assessed using various measures of customer service and costs.	EUK6_W1
W4	Knowledge: to explain how information technology and coordination of decision making are used by leading manufacturing and service organizations to improve the supply chain performance.	EUK6_W1
U1	Skills: Explains how performance of Logistics Systems can be assessed using various measures of customer service and costs. Explains how information technology and coordination of decision making are used by leading manufacturing and service organizations to improve the supply chain performance.	EUK6_U2
K1	Social competence: Discusses modern Logistics Management methodologies and techniques and illustrates their application in reaching an optimal managerial decision.	EUK6_KS2

5. Curriculum content

Lecture (30 h)

Code	Topic blocks (semester: 5)
Wyk1	Introduction to Logistics Management
Wyk2	Network Planning Decisions
Wyk3	Logistical Processes - Analysis and Improvement
Wyk4	Advanced Inventory Management
Wyk5	Production Planning Methods
Wyk6	Lean Manufacturing and Theory of Constraints
Wyk7	Sourcing Decisions in a Supply Chain
Wyk8	Information Technology and Coordination in a Supply Chain

6. Teaching methods

Lecture	
M4	Computer exercises
M16	Group work
M17	Multimedia presentation
M18	Problem solving
M20	Lecture

7. Student workload

Form of student activity	Student workload
Lecture	30h
Including the e-learning method:	0 h
Student's own work	
	95h
Total workload	
Total number of hours for the course	125 h
Total number of ECTS credits	5 ECTS

8.

Evaluation criteria

Course completion criteria:

4 group assignments (each assignment is worth 20 points). Class attendance 20 points.

Lectures (Final exam / Final pass)	
Grade 5:	88-100 pkt
Grade 4,5:	80-87 pkt
Grade 4:	70-79 pkt
Grade 3,5:	60-69 pkt
Grade 3:	50-59 pkt

9. Reading materials

Course reading materials

1. Bozarth, Handfield, Introduction to Operations and Supply Chain Management, 5 ed., Pearson, 2019.

Supplementary materials

1. Chopra, Meidl, Supply Chain Management, 5th edition, Prentice Hall, 2012

2. Wprowadzenie do Zarządzania Operacjami i Łłańcuchem Dostaw, 5 ed., Onepress, 2021.

10. Information about academic teachers

Lecturer(s) dr Piotr Staliński (e-mail: pstalinski@uafm.edu.pl)