



UNIWERSYTET
Andrzeja Frycza Modrzewskiego
w Krakowie

SUBJECT CARD

1. Basic information

| | |
|-------------------------|----------------------------|
| Subject | Logistic Management |
| Faculty | Faculty of Law |
| Field of studies | International Relations |
| Specialization | international business |
| PRK level | 6 PRK |
| Education level | first-cycle studies |
| Form of studies | full-time studies |
| Group of activities | — |
| Number of ECTS points | 3 |
| Type of subject | specialization |
| Total number of hours | 30 h |
| Didactic cycle | 2024/2025 winter |
| Academic semester | 5 |
| Academic year | 3 |
| Education profile | general academic |
| Year of implementation | 2026/2027 |
| Language of instruction | English |
| Teacher(s) | dr Piotr Staliński |

Semester, number of ECTS points, type of subject, number of hours

| Semester | Lecture |
|----------|-----------------|
| 5 | 30 godz. 3 ECTS |

2. General objectives

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|-----------|---|
| 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. |
|-----------|---|

3. Introductory requirements

Statistics, Operations Management

4. Learning outcomes

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|-----------|---|
| W1 | Knowledge: to discuss the role and importance of Logistics Management and to identify various types of decisions made by Logistics managers |
| W2 | Knowledge: to discuss modern Logistics Management methodologies and techniques and to illustrate their application in reaching an optimal managerial decision. |
| W3 | Knowledge: to explain how performance of logistics systems can be assessed using various measures of customer service and costs. |
| 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. |
| 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. |
| K1 | Social competence: Discusses modern Logistics Management methodologies and techniques and illustrates their application in reaching an optimal managerial decision. |

5. Course program

Lecture (30 h)

| Code | Detailed description of the 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. Didactic methods

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

7. Student workload

| Number of hours under supervision | Student workload |
|--|-------------------------|
|--|-------------------------|

| | |
|------------------------------|-------------|
| Lecture | 30 h |
| Including e-learning: | 0 h |

| | |
|---------------------------|-------------|
| Student's own work | |
| | 45 h |

| | |
|--------------------------------------|---------------|
| Total workload | |
| Total number of hours for the course | 75 h |
| Total number of ECTS points | 3 ECTS |

8. Conditions for course completion

Course completion criteria

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

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|---|------------|
| 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. Literature

Basic literature

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

Supplementary literature

1. Chopra, Meidl, Supply Chain Management, 5th edition, Prentice Hall, 2012
2. Wprowadzenie do Zarządzania Operacjami i Łłańcuchem Dostaw, 5 ed., Onepress, 2021.

11. Information about academic teachers

The person responsible for the card

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