

**ENGLISH – SYLLABUS (SPECIALTY)**

**SUBJECT:**

**SUPPLY CHAIN MANAGEMENT**

**Studies: Management**

II cycle studies

Excellence in Management

Specialty: Management Of Logistic Services

**Faculty: Management**

Subject status	Type of studies	Semester/ Term	Teaching hours		ECTS Points
			lectures	classes	
	Full time studies	2	20	-	3

**Course description:**

The Study Program in Supply Chain Management is designed to provide students with a comprehensive understanding of the intricacies involved in designing, managing, and optimizing supply chains across various industries. It encompasses the entire spectrum of activities involved in the flow of goods and services, from raw material sourcing to the delivery of final products to consumers. Students delve into the core principles and concepts underlying supply chain management, including procurement strategies, inventory management, transportation, warehousing, and distribution networks. Emphasis is placed on the integration of data analytics and technology to facilitate real-time decision-making, optimize inventory levels, and enhance overall operational efficiency. Furthermore, the program focuses on risk management within supply chains, preparing students to identify vulnerabilities, devise contingency plans, and address disruptions effectively. This includes understanding the impact of global events, market fluctuations, and technological advancements on supply chain resilience. Ethical considerations and sustainability are pivotal components, highlighting the importance of adopting environmentally friendly practices, ethical sourcing, and corporate social responsibility initiatives within supply chain operations. Additionally, the curriculum explores the globalization of supply chains, analyzing the challenges and opportunities presented by international trade, diverse cultures, regulatory frameworks, and geopolitical factors that influence global supply chain dynamics. The course is filled in with many case studies and practical examples of supply problems, so it should be interesting for all those students who are eager to deal with sales management issues also after the course.

**COURSE LEARNING OBJECTIVES:**

1. Comprehensive Understanding: To provide students with a holistic understanding of supply chain networks, encompassing procurement, logistics, operations, and distribution.
2. Efficiency and Optimization: To equip learners with tools and methodologies to enhance supply chain efficiency, streamline operations, and optimize resource utilization.
3. Risk Management: To impart knowledge and skills for identifying, assessing, and mitigating risks within supply chains, including disruptions and uncertainties.
4. Technological Integration: To explore the integration of cutting-edge technologies like blockchain, IoT, and AI in supply chain operations for improved transparency, traceability, and efficiency.
5. Sustainability and Ethics: To emphasize the importance of sustainable practices, ethical considerations, and social responsibility within supply chains.
6. Global Perspective: To cultivate a global mindset, understanding the complexities of international supply chains, cross-cultural challenges, and geopolitical influences.

Teaching the functions and role of supply chain management for contemporary market entities, developing skills in solving supply chain management problems, as well as analysing data (from primary and secondary data).

Creating presentations for the reports and written reports on supply chain problems. Training of social competences related to collective problem solving and preparing and introducing all stages of supply chain management in contemporary world.

**COURSE EVALUATION:**

**Workshops** – n/a

**Lectures** - final exam will be one-choice questions and open questions. (or TBA during classes)

**The grading scale is as follows:**

100% - 85%	5.0 (excellent)
84,9% - 75%	4.5 (very good)
74,9% - 70%	4.0 (good)
69,9% - 60%	3.5 (very satisfactory)
50% - 59,9%	3.0 (satisfactory)
< 50%	2.0 (failure)

**Course policies and class rules:**

The use of smartphones, mobile phones, all devices with internet access, are not allowed during the exams. During other in-class assignments you can use them for assignment purposes only. Students are expected to take full responsibility for their academic work and academic progress. Students are expected to attend class regularly, for consistent attendance offers the most effective opportunity open to all students to gain a developing command of the concepts and materials of the course. The study programme is strict about student attendance regulations. Students who focus on the business of the class increase their likelihood of success. They can do so by listening attentively to the instructor or to other students while participating in discussions. During class, they can participate as fully as possible and volunteer to answer questions. Students should minimise all behaviours that distract others during the class. Talking to other students apart from class discussions is inappropriate. Students who arrive late should seat themselves as quietly and as near to the door as they can. Students who must leave before the class period ends should exit quietly. The course material is designed to be completed within the semester time frame.

Finally, please feel free to come and see me to ask questions or to discuss difficult material. The course material is all cumulative. If you do not understand what happens in the first week, you will not understand what happens in the last week.

**Teaching Methods:**

Lectures and case studies (multimedia, case study – projects on sales management topics)

**Course overview:**

*The Study Program in Supply Chain Management is designed to provide students with a comprehensive understanding of the intricacies involved in designing, managing, and optimizing supply chains across various industries. It encompasses the entire spectrum of activities involved in the flow of goods and services, from raw material sourcing to the delivery of final products to consumers. Students delve into the core principles and concepts underlying supply chain management, including procurement strategies, inventory management, transportation, warehousing, and distribution networks. Emphasis is placed on the integration of data analytics and technology to facilitate real-time decision-making, optimize inventory levels, and enhance overall operational efficiency. Furthermore, the program focuses on risk management within supply chains, preparing students to identify vulnerabilities, devise contingency plans, and address disruptions effectively. This includes understanding the impact of global events, market fluctuations, and technological advancements on supply chain resilience. Ethical considerations and sustainability are pivotal components, highlighting the importance of adopting environmentally friendly practices, ethical sourcing, and corporate social responsibility initiatives*



*within supply chain operations. Additionally, the curriculum explores the globalization of supply chains, analyzing the challenges and opportunities presented by international trade, diverse cultures, regulatory frameworks, and geopolitical factors that influence global supply chain dynamics.*

**Main topics:**

1. Introduction to Supply Chain Management
2. Procurement Strategies and Supplier Management
3. Inventory Optimization and Demand Forecasting
4. Logistics and Transportation Management
5. Technology Integration in Supply Chains
6. Risk Management and Resilience
7. Sustainable Supply Chain Practices
8. Global Supply Chain Challenges

**Literature**

**Main texts:**

1. Johnson, Mark - "Supply Chain Excellence: Strategies for Success" - ABC Publishing - 2018
2. Patel, Neha - "Blockchain Applications in Supply Chain Management" - XYZ Press - 2017
3. Lee, Christopher - "Risk Management in Global Supply Chains" - LMN Books - 2018
4. Garcia, Sofia - "Sustainable Supply Chain Practices: A Comprehensive Guide" - QRS Publishers - 2018

**Additional required reading material:**

1. Wang, Li - "Technological Innovations in Logistics and Transportation" - NOP Company - 2018
2. Chen, David - "Global Supply Chain Dynamics: Challenges and Opportunities" - RST Publications - 2017
3. Smith, Emily - "Ethics in Supply Chain Management: A Practical Approach" - DEF Press – 2018

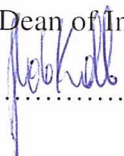
**Rules of the exams on subject (Assessments)**

Lectures – Written exam (test and case study)  
Classes – n/a

Date of submitting the syllabus: 30.09.2023

Accepted by: Dean of International Affairs

Signature: .....



**AKADEMIA GÓRNOŚLĄSKA**  
im. Wojciecha Korfańtego w Katowicach  
ul. Harcerzy Września 1939 nr 3  
40-659 Katowice  
tel. (32) 35 70 643, NIP 954 00 07 281  
www.akademiagornoslaska.pl (192)