

**Topics for diploma examination for degree of Master Logistics,  
second cycle studies,  
specialization: Logistics Systems**

Topics in the field of study:

1. Stages in designing of logistics systems
2. Marketing of logistics services
3. Project management methodologies: PMI (PMBok), Prince2 and Scrum
4. Solutions that improve running a business using ICT technology: e-commerce, e-marketing, e-logistics
5. Subject and scope of logistics management
6. Logistics strategies
7. IT systems used in basic logistics processes
8. The nature of team leadership - dysfunctions in teamwork and how to manage them
9. Operations research models: optimization of production assortment and transport issues
10. Activity-based costing in logistics
11. The concept of strategic management and strategic analyses of enterprises
12. The concept and functions of management

Specialization issues: Logistics systems

1. Logistics strategies and how they impact on supply chains
2. Scope of Computer-Aided Production Planning and Control
3. The role and main challenges of operations management in logistics
4. The characteristics of smart and sustainable last-mile logistics - challenges and solutions to them
5. Incoterms in the international logistics
6. Property insurance products for logistics
7. Global logistics standards and sustainable practices in supply chain operations
8. Green procurement and its role in a sustainable supply chain
9. Materials management strategies in the circular economy
10. Lean Management - the essence and tools

11. Location of intermediate warehouses in the distribution network
12. Inventory management for logistics systems
13. Stages of designing a production system
14. Types and characteristics of transport systems
15. Major decision problems in logistics - their features and solution procedures
16. Location problem in logistics systems