

**Topics for diploma examination for degree  
of Master**

**Logistyka, second cycle studies,  
specialization: Logistics Systems**

**Topics in the field of study:**

1. IT systems in logistic processes.
2. Methods and classification of optimization in transport problems, traveling salesman - routing and supplier assessment.
3. Methods and techniques used in process design.
4. Activity-based costing with reference to logistic processes.
5. Marketing of logistics services.
6. Logistics strategies.
7. WMS – Warehouse Management System – basic functions.
8. The essence of project management in the context of strategic, tactical and operational management.
9. E-economy.
10. Elements of the risk management process in a logistics company.
11. Transport Insurance - types, application examples.
12. Insurance program for a logistics company.
13. INCOTERMS - International Commercial Terms.
14. Customs procedures according to The Union Customs Code (UCC).
15. The concept of strategic management and strategic analyzes of enterprises.

**Specialization issues: Logistics systems**

1. Supply chain management - idea, concepts.
2. The concept of sustainable logistics and supply chain management.
3. Reverse logistics processes - basic characteristics.
4. Characteristics of the forms of secondary development of products, the so-called 3R - remanufacturing / recycling / reuse.
5. Production planning and shop floor control methods.
6. Lean Management - the essence and tools.
7. City logistics – definition, scope and main challenges