



Logistics

Second degree studies

Basic subject area courses – examination areas

1. Name the concepts of modern supply chains and discuss one of them
2. Name and discuss selected methods and tools of supply chain management
3. Discuss the elements and priorities for the development of the trans-European transport network
4. Discuss the situation and possibilities of intermodal and combined transport development in Poland
5. Give a definition and examples of an integrated logistics service
6. Discuss the scope of international forwarder's services
7. Name and discuss the stages of placing goods under the procedure of release for free circulation.
8. Name methods for improving logistics processes and give an example of their use on a selected logistics process
9. Give a definition of telematics in transport, discuss its main tasks, and list example elements of the selected telematics system
10. Name and discuss the stages of cooperation development in supply chains on a chosen example



**European
Funds**
Knowledge Education Development

European Union
European Social Fund



Logistics

Second degree studies

Technical subject area courses – examination areas

1. Give a definition and describe the elements of the traffic control system on the example of the selected city
2. Give a definition, indicate advantages and disadvantages and give examples of the open source software solutions in logistics
3. Discuss the construction of the expert system and its role in the process of making logistics decisions
4. Name the measures and indicators of work in rail transport
5. Name the methods of designing logistics services and discuss one of them
6. Name the methods and tools of multi-criteria logistics decision support and give an example of their use
7. Discuss the essence of computer-aided management in supply chains using ERP class systems
8. Discuss the principles of modeling processes in the Simul 8 system on the selected logistics process
9. Discuss the role of Big Data in cyber-physical systems
10. Name the basic subsystems of the Internet of Things ecosystem and give an example of such an ecosystem



Logistics

Second degree studies

Other subject area courses – examination areas

1. Name the reasons for the dynamic development of intra-industry trade in the global economy
2. Discuss - from the perspective of entrepreneurs - the effects of creation and shifting in trade
3. Name the methods of anticipating the future in foresight research and discuss one of them
4. Indicate two basic types of benchmarking and give examples of their use in logistics
5. Name the operational controlling tools and give examples of their application in logistics
6. Name the groups of financial indicators and discuss their importance in assessing the activity of the selected logistics company
7. Name the methods of cost calculation in a logistics company and discuss one of them
8. Explain the essence of marketing orientation on the example of a selected logistics company
9. Name the areas of logistics project management and discuss one of them
10. Discuss the concept of human capital management on the example of a chosen logistics company