



Course Syllabus

Course Title: **International logistics**

Teaching hours: 2 hours of lectures + 2 hours of seminars

General objective: *The main objective of the course is to master knowledge about the essence of international logistics, its economic evaluation and management, to learn analyse and solve practical issues of international freight transportation and warehousing.*

Topics:

- 1 **Introduction: the role and importance of international logistics, international trade, international infrastructure.**
- 2 **Essence, types and features of international logistics, concept of logistics, subjects and objects of logistics, cost elements in international logistics operations, types of international logistics.**
- 3 **International supply chain and international logistics channel, supply chain management, value chain, international logistics channel, purchase logistics channel, distribution logistics channel, level of international logistics channel, intermediaries of international logistics channel.**
- 4 **International freight forwarding, international freight forwarding services, functions of intermediaries, party logistics (1PL-5PL), international freight operations, transportation contract, customs clearance, TIR carnet, customs (bounded) warehouses.**
- 5 **International transport, types of cargoes, cargo classification, material and technical basis for international transport services.**
- 6 **International cargo transportation by road transport, cargo transportation by road transport, freight rates, permits and regulation of road transportation.**
- 7 **International cargo transportation by rail transport, cargo transportation by rail transport, rail wagons, freight tariffs, freight forwarding by rail transport.**
- 8 **International cargo transportation by water transport, inland water transport, maritime transport, shuttle and tramp shipping, contracts for cargo transportation by shuttle and tramp shipping, freight tariffs.**
- 9 **International cargo transportation by air transport, airfreight forwarding, airfreight tariffs, international regulation.**
- 10 **International intermodal and multimodal transportation, intermodal transportation, multimodal transportation, combined transportation, containers for international transportation.**
- 11 **Warehousing in international logistics, warehouse functions, types of warehouses principles and methods of stock level optimization, cost of warehousing.**
- 12 **Cost distribution of international transportation, Incoterms, cost and liability distribution between the seller and the buyer, prices of international transportation according to Incoterms.**
- 13 **Information for services of international logistics, information flow, documents for international logistics, IT solutions.**
- 14 **Green logistics, sustainable solutions for different means of international transport, reverse logistics, sustainable solutions for warehousing.**