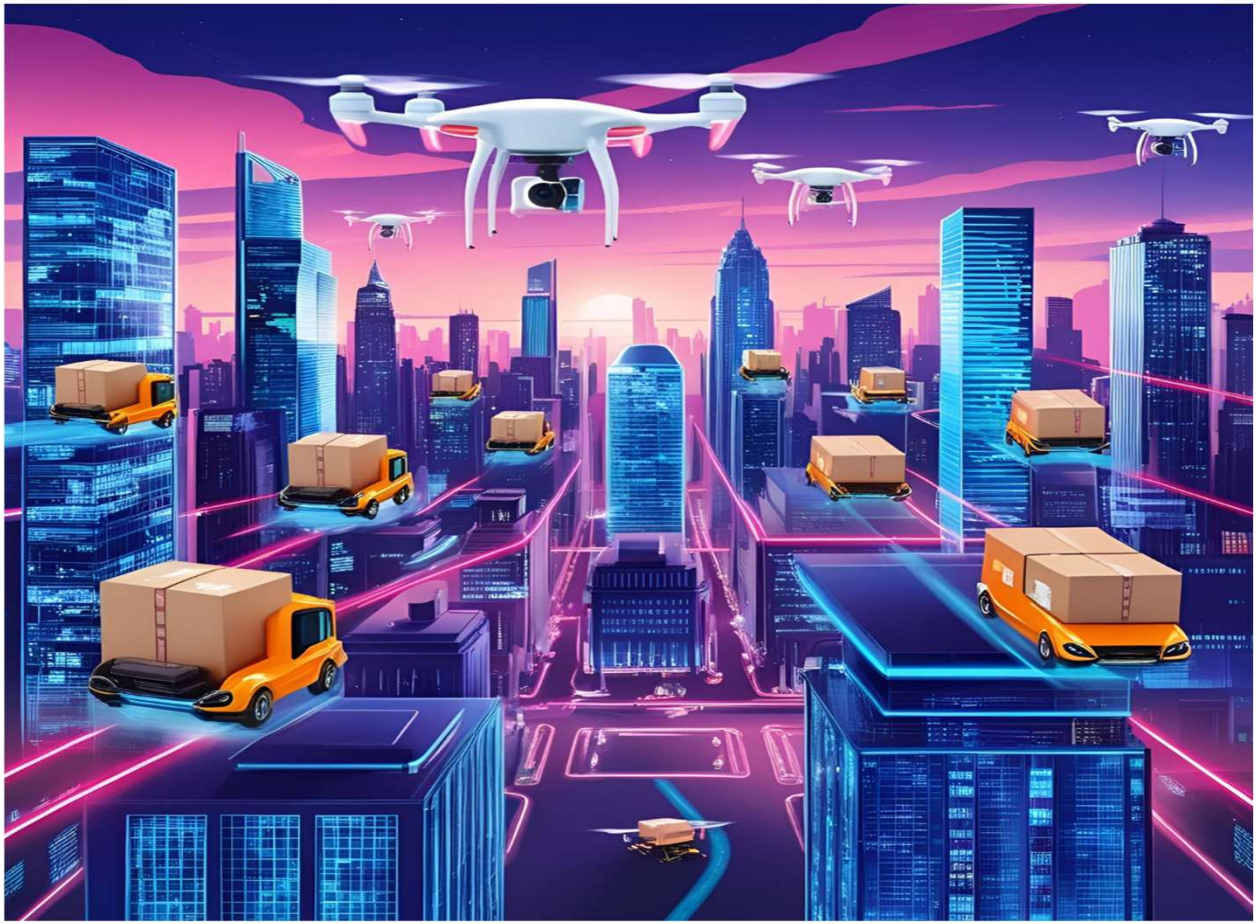
LOD-19 International Logistics Semester



70th mtg of Implementation Group
RIGA, 26-27 MAY 2026

LOD-19 International Logistics Semester

Common Modules		Working hours	Self-studies	ECTS	Lecture units
General modules		**46**	**54**	**4**	**62**
G1	Physical Education	24	26	2	32
G2	Common Security and Defence Policy	22	28	2	30
Specialistic modules		**260**	**290**	**22**	**347**
S1	Basic of Military Logistics Informatic	20	30	2	27
S2	Multinational Operations Logistics	24	26	2	32
S3	Relief Logistics	24	26	2	32
S4	Databases	24	26	2	3
S5	Budget & Finance in EU Defence Sector	25	25	2	3
S6	Supply Chain Management	58	46	4	78
S7	Inventory management	24	26	2	3
S8	Transport and cargo handling	24	26	2	3
S9	Warehouse management	24	26	2	32
Project module		**40**	**60**	**4**	**53**
C1	Common logistics project	40	60	4	53
	Total	**346**	**404**	**30**	**462**

In progres (proceding loop)

In progres:
Remarks only - HAFA

Inventory management

Module details		
Main Topic	**Residential WH**	**Details**
Basics of inventory management	6	• Introduction to the inventory management. • The role, essence and structure of stock in logistics system. • Basics of inventory management in the conditions of dependent and independent demand. • The classic concept of inventory management.
Inventory costs	8	• Concept and cross-section of inventory costs. • Indicators of inventory rotation cycle. • The deterministic model of inventory management – Economic Order Quantity. • Safety stocks.
Stochastic models in inventory management	4	• ABC and XYZ analysis. • Stochastic models of inventory management: system based on reorder level (model of replenishment based on reorder level), system based on reorder cycle (model of replenishment based on periodical review.
Additional models in inventory management	4	• Inventory management for product groups. • Safety stock for multiple location groups. • One-day stock management.
IT systems in inventory management	2	• Applications and computer programs supporting the inventory management process.
Total Lecture WH	**24**	
Additional hours (WH) to increase the learning outcomes		
Self-Studies	30	• Self-studies, pre-readings & self-evaluation tests. • Case studies self elaboration.
Total Self Studies	**30**	
Total WH	**54**	The course director determines the exact number of hours dedicated to each main topic in accordance with national law or the regulations of the home institution.

Warehouse management

Module details		
Main Topic	**Residential WH**	**Details**
Basics of warehouse management	6	• Warehouse definition, classification and function within Supply Chain. • Warehousing subprocess, receiving, storage, order- picking and shipping.
Warehouse designing and equipment	4	• Designing of warehouse area. • Warehouse layout and areas. • Equipment for storage. • Equipment for transport.
Codification	2	• Codification.
New technologies in warehousing	4	• New technologies in internal transport. • New technologies in storage process.
Warehouse costs	2	• Cost indicators in warehouse management
IT systems in warehouse management	6	• Settlement of warehouse services, design of logistics labels, goods receipt and issue processes, inter-warehouse transfers.
Total Lecture WH	**24**	
Additional hours (WH) to increase the learning outcomes		
Self-Studies	30	• Self-studies, pre-readings & self-evaluation tests. • Case studies self elaboration.
Total Self Studies	**30**	
Total WH	**54**	The course director determines the exact number of hours dedicated to each main topic in accordance with national law or the regulations of the home institution.

Remarks on Inventory management and Warehouse management modules:

- to add 2 hours – exams

17 participants

7 countries

11 institutions

New ideas:

- to prepare a BIP format based on the regular module and add 1 ECTS and an online part – synchronous or asynchronous; the online component could be conducted by another partner academy
- students could participate in the CM in 2 groups:

  the regular CM 2 ECTS, BIP 3 ECTS

Ideas for new CM:

- Armament and ammunition logistics
- Application of calculation in logistics systems (machine learning, AI, quantum computers)
- Maintenance and repair logistics (battle damage repair)
- Support services logistics – advanced level in the future
- Operational research in logistics

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LOD 19 google drive

https://drive.google.com/drive/folders/1CHBEFGwuWvZqPGX2gFcj-MKD7AaNJkTp?usp=drive_link

Teachers' network

https://docs.google.com/spreadsheets/d/1CGJZavw24XWrCcSdGvapDaG2J07Ff357/edit?usp=sharing&ouid=115152170338440761384&rtpof=true&sd=true

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