

Degree	Type	Year	Semester
4313489 Logistics and Supply Chain Management	OB	1	2

Contact

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Use of languages

Principal working language: english (eng)

Prerequisites

None

Objectives and Contextualisation

The course "LSCM European Dimension" is aimed at overviewing approaches and requirements to practical implementation of logistics and supply chain management methods in different European regions, in particular, in Latvia with special attention to used technologies (e.g., transportation, warehousing and material handling technologies).

After the course students are expected to be able:

- to characterize the main aspects of LSCM European development;
- to explain regional LSCM development in Latvia, Spain, Germany, Austria and other countries;
- to explain organization of customs procedures and security requirements in supply chains.

Skills

- Analyse, organise and discuss situations in logistics in order to identify and model the dependency relationships, influence and impact that usually occur in the main performance indicators and quality factors as well as evaluating their complexity.
- Demonstrate abilities in oral and written communication both in the student's native language and in English. Demonstrate synthesis skills and ability in presentation techniques.
- Demonstrate information management skills: ability to retrieve and analyse information from different sources.
- Student should possess an ability to learn that enables them to continue studying in a manner which is largely self-supervised or independent

Learning outcomes

1. Demonstrate abilities in oral and written communication both in the student's native language and in English. Demonstrate synthesis skills and ability in presentation techniques.
2. Demonstrate information management skills: ability to retrieve and analyse information from different sources.
3. Know the future challenges and trends in logistics.
4. Know the logistic infrastructures of the different European regions.
5. Know the logistic stakeholders in certain regions and their level of development.

6. Student should possess an ability to learn that enables them to continue studying in a manner which is largely self-supervised or independent

Content

- Major LSCM European players (e.g., DB Schenker);
- Major LSCM European professional organizations (e.g., ELA);
- Local situation in LSCM (both in Latvia and countries/regions of invited lecturers);
- Logistics infrastructure from different regions across Europe;
- Customs procedures in supply chains;
- Challenges and future trends in LSCM;
- Visits to local logistics companies (logistics solutions, problems, challenges, technologies).

Methodology

The course is organized by means of traditional lectures combined with seminars. The learning process will combine the following activities:

- Theory lectures
- Essay elaboration and presentation
- Autonomous work

Lectures, invited lectures (LSCM industry professionals and experts) aim to understanding the state-of-the-art concerning regional LSCM implementation.

The essay work consists of:

- Independent learning, e.g. search and study of scientific papers and other available information related to the essay topics.
- In-class presentations on the essay topics related to LSCM ED with further discussions with the audience

Activities

Title	Hours	ECTS	Learning outcomes
Type: Directed			
Seminars	10	0.4	3, 4, 5
Theory lectures	12	0.48	3, 4, 5
Type: Supervised			
Student presentation on the essay topic	15	0.6	1, 3, 4, 5
Type: Autonomous			
Essay preparation	20	0.8	2, 6
Mastering in the lectured course material	15	0.6	3, 4, 5, 6

Evaluation

The final grade will be calculated from the assessment of different evaluation activities:

- Essay report: up to 15 pages report on the individual research about LSCM activities in different countries
- Individual oral presentation of the research results on the essay topic
- Written exam. Students have to answer 3 theoretical question on the topics discussed during lectures

In order to average all the evaluation activities, the mark of each of them must be above 4 points (out of 10). All the report-based activities must be submitted within the due dates specified by the professor. If a report-based activity is failed, the student will be asked to re-submit the report according to the corrections/indications provided by the professor. If the exam is failed, the student will have the opportunity to retake it. The dates for retaking an exam will be communicated to the student well in advance.

The weights of each evaluation activity are given in the table below.

Evaluation activities

Title	Weighting	Hours	ECTS	Learning outcomes
Essay content	50%	0	0	1, 2, 6
Essay presentation	20%	0	0	1, 3, 4, 5
Exam	30%	3	0.12	3, 4, 5

Bibliography

1. Harald Gleissner and Klaus Moeller. Case Studies in Logistics. Gabler Verlag, 2011.
2. David Simchi-Levi and Philip Kaminsky. Designing and Managing the Supply Chain. McGraw-Hill, 2011.
3. The 2011-2016 Outlook for Supply Chain Management (SCM) Software in Europe. ICON Group International, 2011.
4. Alan E. Branch. Global Supply Chain Management and International Logistics. Routledge, 2009.