



LUND
UNIVERSITY

Faculty of Social Sciences

SMMN45, Logistics - Intermodal Systems, 30,0 credits
**Intermodala transportsystem, spårbarhet och stadslogistik för att skapa
hållbara försörjningskedjor, 30.0 högskolepoäng**
Second Cycle / Avancerad nivå

Confirmation

The course syllabus was confirmed by the board of the Department of Service Management on 2013-05-28 to be valid from 2013-09-01.

General Information

Teaching languages: English

*Main field of
studies*

Specialization

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A1F, Second cycle has course/s for second-cycle studies as entry requirements

Outcomes

On completion of the course, the student should:

- show ability to demonstrate theoretical and practical understanding of the structure of the logistic systems
- show ability to be able to review and analyse the performance of the supply chain critically and suggest appropriate improvement measures from completed theory of logistic and
- be able to apply theories and analysis models from current logistics research.

Course content

The course is divided into different parts that are based on different theoretical and practical perspectives. Through different case studies, the student is trained to review, analyse and apply theoretical knowledge on the different subareas critically. Example of fields that will be

treated in the cases is:

- Inter modal system and their structure and configuration
- The different driving forces of the value chain and challenges
- The challenges of retail logistic due to new market channels and how these influence the complexity of the logistic systems.
- The city logistic and its dependence on urban and rural infrastructure.

Respective field will be treated from the following aspects:

- sustainability
- traceability
- integration

Assessment

The teaching consists of study visits, supervision, lecture, group assignment and workshop. Participation in study visits is compulsory.

The course design is based on case (case studies). The case study starts with lectures, and group assignment that implies that joint workshop where emerged results then is presented. The course is examined through cases and written tests.

Grading scale

Marking scale: Fail, E, D, C, B, A.

The highest grade is A and the lowest grade for a pass is E. Students who fail receive the grade U.

The students performance is assessed based on the learning outcomes for the course. For a grade of E, the students performance shall be sufficient. For a grade of D, the students performance shall be satisfactory. For a grade of C, the students performance shall be good. For a grade of B, the students performance shall be very good performance For a grade of A, the students performance shall be excellent. For a grade of U, the students performance shall have been insufficient.

At the start of the course, the students are informed of the learning outcomes in the syllabus and the grading scale and its application on the course.

Entry requirements

For admission to the course, it is required that the student has accomplished course requirements about at least 30 credits including 15 credits in method and/or theory of knowledge in the Master's programme in Service Management.

Required reading

See appendix.

Reading list for Logistics - Intermodal systems, 30 credits (SMMN45)

The reading list was approved by the Board of the Department of Service Management and Service Studies 28 May, 2013.

The reading list is valid from 1 August 2013.

- Christopher, Martin. (2010). *Logistics and Supply Chain Management*. Harlow, England: Prentice Hall. [228 pages, ISBN: 9780273731122]
- Dittmann, Paul. (2012). *Supply Chain Transformation: Building and Executing an Integrated Supply Chain Strategy*. United States of America: McGraw-Hill. [256 pages, ISBN: 9780071798303]
- Ferguson, Mark, E. & Souza, Gilvan. C. (2010). *Closed-Loop Supply Chains: New Developments to Improve the Sustainability of Business Practices (Supply Chain Integration Modeling, Optimization and Application)*. Boca Raton: Taylor & Francis. [257 pages, ISBN: 9781420095258] E-bok
- Fernie, John & Sparks, Leigh. (2009). *Logistics and Retail Management - Emerging Issues and New Challenges in the Retail Supply Chain*. London: Kogan. [304 pages, ISBN: 9780749454074] E-bok
- Laseter, Timothy, M., Rabinovich, Elliot. (2011). *Internet Retail Operations: Integrating Theory and Practice for Managers (Supply Chain Integration Modeling, Optimization and Application)*. Boca Raton: Taylor & Francis. [268 pages, ISBN: 9781439800911] E-bok
- Waters, Donald. (2011). *Supply Chain Risk Management - Vulnerability and Resilience in Logistics*. London: Kogan. [264 pages, ISBN: 9780749463939]

Articles and reports about retail logistics, integration of logistics and sustainable logistics.

Total: Approx. 2530 pp.

Litteraturlista för Intermodala transportsystem, spårbarhet och stadslogistik för att skapa hållbara försörjningskedjor, 30 hp, (SMMN45)

Litteraturlistan är fastställd av styrelsen för institutionen för service management och tjänstvetenskap 2013-05-28.

Litteraturlistan börjar gälla 2013-08-01.

- Christopher, Martin. (2010). *Logistics and Supply Chain Management*. Harlow, England: Prentice Hall. [228 pages, ISBN: 9780273731122]
- Dittmann, Paul. (2012). *Supply Chain Transformation: Building and Executing an Integrated Supply Chain Strategy*. United States of America: McGraw-Hill. [256 pages, ISBN: 9780071798303]
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Kompendium om ca 950 sidor med kompletterande artiklar och rapporter tillkommer omfattande detaljhandelslogistik, integration av logistik och hållbara logistislösningar.

Antal sidor: ca 2530