



LUND
UNIVERSITY

SMMN40, Transport System, Intermodality and Traceability, 15,0 credits

Transportsystem, intermodalitet och spårbarhet, 15.0 högskolepoäng
Second Cycle/Avancerad nivå

1. Confirmation

The course syllabus was confirmed.

Field of education:: Technical 100%

Department: Department of Service Management

2. General Information

The course is offered during the second semester within the Master of Science Programme (120 credits) in Service Management with a specialisation in Logistics. The course is not included in a main field of study.

Main field of studies Specialization

- AXX, Second cycle, course/s who can not be classified

3. Outcomes

On completion of the course, the student shall

- demonstrate advanced knowledge about the intermodal transport system structure and its included components,
- demonstrate advanced knowledge of traceability, its components and how traceability is ensured in the supply chain
- demonstrate advanced knowledge of retail logistics and its components
- demonstrate knowledge of how theorising can be used for real life issues and
- demonstrate knowledge of theoretical and practical methods and models of analysis and evaluation of the intermodal transport system.

4. Course content

The aim of the course is to develop an understanding and knowledge of sustainable transport systems with a focus on intermodal systems and their components. The student works with theory and practical applications comprising the following:

- the Intermodal components of the system
- The supply chain structure
- Security and traceability to ensure high service and product quality along the supply chain and against end consumer
- The special claims for the retail trade on The supply chain
- The reverse logistics role in the supply chain

Part 1 focuses on the structure of intermodal systems, including modes of transports (2 credits)

Part 2 focuses on the different parties' role in the supply chain and how issues of safety and traceability are implemented. (2 credits)

Part 3 focuses on retail logistics and on how logistics systems are adapted against the driving forces of retail trade and requirements profiles (2 credits)

Part 4 focuses on intermodal logistics systems' relations to efficient reverse logistics. (2 credits)

5. Assessment

The teaching consists of lectures, mandatory workshops, supervisions and seminars. The students work continuous with mandatory case works that are reported in the form of written reports.

The course contains part that highlights the different fields that are included in the course. Each part starts with a theoretical discussion concerning the scientific work and the method development. The mandatory case works highlight both theoretical and applied aspects. The solutions of cases are presented in the form of written reports and oral presentations.

6. Grading scale

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

The highest grade is A and the lowest passing grade is E. The grade for a non-passing result is Fail. Grade for failed results is denoted with failed.

The students performance is assessed with reference to the learning outcomes of the course. For the grade of E the student must show acceptable results. For the grade of D the student must show satisfactory results. For the grade of C the student must show good results. For the grade of B the student must show very good results. For the grade of A the student must show excellent results. For the grade of Fail the student must have shown unacceptable results.

At the start of the course students are informed about the learning outcomes stated in the syllabus and about the grading scale and how it is applied in the course.

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7. Entry requirements

To be eligible for the course, it is required that the student is admitted to the Master's programme in service management.

8. Required reading

See appendix.

9. Additional information

Teaching languages: English.

Litteraturlista för Transportsystem, intermodalitet och spårbarhet (SMMN40) 15 hp

Fastställd 14 december 2012 av styrelsen för samhällsvetenskapliga fakulteten.

Litteraturlistan gäller fr o m 1 januari 2013.

Mangan, John. (2012). *Global Logistics and Supply Chain Management*, Wiley. [420 sidor. ISBN 978-1-119-99884-6]

Emmett, Stuart & Sood, Vivik. (2010). *Green Supply Chains*. Wiley. [300 sidor. ISBN 978-0-470-68941-2]

Artikelkompendium tillkommer omfattande ca 500 sidor inom logistikområdet.

Reading list for Transport System, Intermodality and Traceability (SMMN40), 15 credits

The reading list was approved 14 December 2012 by the Board of the Faculty of Social Sciences.

The reading list is valid from 1 January 2012.

Mangan, John. (2012). *Global Logistics and Supply Chain Management*, Wiley. [420 pp. ISBN 978-1-119-99884-6]

Emmett, Stuart & Sood, Vivik. (2010). *Green Supply Chains*. Wiley. [300 pp. ISBN 978-0-470-68941-2]

There is a addition of articles regarding logistics amounting to approx. 500 pages.