



**LUND**  
UNIVERSITY

Faculty of Social Sciences

## **SMMR34, Transport Systems: Intermodality and Traceability, 15 credits**

*Transportsystem: Intermodalitet och spårbarhet, 15 högskolepoäng*  
Second Cycle / Avancerad nivå

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### **Details of approval**

The syllabus was approved by the board of the Department of Service Management and Service Studies on 2017-06-07 to be valid from 2017-06-07, autumn semester 2017.

### **General Information**

The course may not be included in a main field of study. It is included in semester 3 of the Master of Science programme in Service Management.

*Language of instruction:* English

### **Learning outcomes**

For a Pass on the course, students shall demonstrate

#### **Knowledge and understanding**

- specialised knowledge of the structure and components of intermodal transport systems
- specialised knowledge of the geography of transport systems
- specialised knowledge of the nodes and modularity of transports
- specialised knowledge of the economics, energy and environmental impact of transport systems

### **Competence and skills**

- the ability to discuss and provide arguments about the application of theories of supply chain management to concrete problems
- the ability to use theoretical and practical methods and models for the analysis and evaluation of transport systems

### **Course content**

The aim of the course is to enable students to develop knowledge and understanding of sustainable transport systems focusing on intermodal systems and their components. In the course, students work with theories and practical applications including the following:

The mobility of the transport system, the components of the intermodal system, the nodes of the supply chain and terminals, the energy use, economics and global environmental impact of the transport system, and the role of the transport system from the perspectives of accessibility and interaction

### **Course design**

The teaching consists of lectures, workshops, supervision sessions, seminars and study visits. Throughout the course, the student works with case studies that are to be submitted as written reports and oral presentations.

Unless there are valid reasons to the contrary, compulsory participation is required in workshops and study visits. Students who have been unable to participate due to circumstances such as accidents or sudden illness will be offered the opportunity to compensate for or re-take compulsory components. This also applies to students who have been absent because of duties as an elected student representative.

### **Assessment**

The assessment is based on three components:

Component 1 on the basis of a written invigilated exam (5 credits).

Component 2 on the basis of a project performed individually or by two students and reported in speech and writing (5 credits).

Component 3 on the basis of case studies performed individually and reported in speech and writing (5 credits).

Three opportunities for examination are offered in conjunction with the course: a first examination and two re-examinations. At least two further re-examinations on the same course content are offered within a year of the end of the course. After this, further re-examination opportunities are offered but in accordance with the current course syllabus.

The examiner, in consultation with Disability Support Services, may deviate from the regular form of examination in order to provide a permanently disabled student with a form of examination equivalent to that of a student without a disability.

*Subcourses that are part of this course can be found in an appendix at the end of this document.*

## **Grades**

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

The grade for a non-passing result is Fail. The student's 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.

All assessments assign points between 0 and 100 and grades according to the following scale:

A: 90-100 points

B: 80-89 points

C: 70-79 points

D: 60-69 points

E: 50-59 points

Fail: 0-49 points

For the grade of Pass, the student must have passed all three assessed components (written exam, 5 credits, project, 5 credits, and case study, 5 credits). The student's grade on each component makes up a third of the total grade. The aggregated grade determines the final grade.

A: 270-300 points

B: 240-269 points

C: 210-239 points

D: 180-209 points

E: 150-179 points

Fail: 0-149 points

At the start of the course, the student about the intended learning outcomes of the course syllabus as well as about the grading scale and its application are informed in the course.

## **Entry requirements**

To be admitted to the course, the student must have completed 30 credits of courses on the Master of Science (120 credits) programme in Service Management (SASMA), 120 credits.

## **Further information**

This course replaces the course Transport Systems: Intermodality and Traceability, SMMP34, 15 credits, and may not be included with this course in the same degree.

## Subcourses in SMMR34, Transport Systems: Intermodality and Traceability

Applies from H17

- 1701 Written Exam, 5,0 hp  
Grading scale: Fail, E, D, C, B, A
- 1702 Project Work, 5,0 hp  
Grading scale: Fail, E, D, C, B, A
- 1703 Case, 5,0 hp  
Grading scale: Fail, E, D, C, B, A