



LUND UNIVERSITY  
Faculty of Social Sciences

## SMMP34 Transport Systems: Inter-modality and Traceability, 15 credits Second cycle

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### Details of approval

The syllabus was approved by the Board of the Department of Service Management and Service Studies 10 June 2014 and is valid from 1 August 2014.

### General information

The course is part of semester 3 of the Master's programme in Service Management and may not be included in a main field of study.

Language of instruction: English

### Learning outcomes

On completion of the course, the student shall demonstrate

- specialised knowledge of the structure and components of inter-modal transport systems
- specialised knowledge of the geography of transport systems
- specialised knowledge of the nodes and modularity of transport
- specialised knowledge of the economics, energy and environmental impact of transport systems
- knowledge of how theory can be applied to practical problems
- knowledge of 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 inter-modal systems and their components. During the course, students deal with the following subjects in theory and practice:

- The mobility of transport systems
- The components of inter-modal systems
- The nodes and terminals of the supply chain

- The energy consumption, economics and environmental impact of transport systems from a global perspective
- The role of transport systems from the perspectives of accessibility and interaction
- Maritime packaging and logistics

### **Course design**

The teaching consists of lectures, compulsory workshops, supervision and seminars. Students will work continuously on compulsory case studies that are to be reported in the form of written reports and oral presentations. Attendance at work shops is compulsory, unless there are special grounds. 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 the compulsory component. This also applies to students who have had to be absent because of duties as an elected student representative.

### **Assessment**

The assessment is based on three case assignments of 2 credits each and an individual project worth 9 credits.

Three opportunities for examination are offered in conjunction with the course: a first examination and two re-examinations.

Within a year of the end of the course, two further re-examinations on the same course content are offered.

After this, further re-examination opportunities are offered but in accordance with the current course syllabus.

### **Grades**

The grades awarded are A, B, C, D, E or Fail. The highest grade is A and the lowest passing grade is E. 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.

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.

### **Admission requirements**

To be admitted to the course, students must have passed 30 credits in the Master's programme in Service Management (SASMA).