



## GRADUATE SCHOOL

### **GM0516 Intermodal Freight Transport, 7.5 credits**

Intermodal Freight Transport, 7,5 högskolepoäng

*Second Cycle*

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#### **Confirmation**

This course syllabus was confirmed by School of Business, Economics and Law on 2009-05-14 and was last revised on 2018-05-28 by Graduate School to be valid from 2018-09-03, autumn semester of 2018.

*Field of education:* Social Sciences 100%

*Department:* Graduate School

#### **Position in the educational system**

The course Intermodal Freight Transport is a course within the Freight Transport track within the Master of Science programme in Logistics and Transport Management at the Graduate School, School of Business, Economics and Law, University of Gothenburg.

*Main field of studies*

Logistics and Transport Management

*Specialization*

A1N, Second cycle, has only first-cycle course/s as entry requirements

#### **Entry requirements**

To be eligible for the course Intermodal Freight Transport the participant must fulfil the entrance qualifications for the Master of Science programme in Logistics and Transport Management.

Students from the other Master of Science programmes at the Graduate School may also be eligible for the course.

#### **Learning outcomes**

Upon completion of the course the student will

1. understand the economic, social and environmental significance of intermodal freight transport.
2. describe the main kind of actors and means of transport in an intermodal transport system.
3. understand technical and managerial issues related to intermodal transport.
4. critically analyze and assess the market potential of different sub-segments of the intermodal transport market. The students should choose a sub-segment that is then analyzed by means of:
  - Market analysis (including competitive analysis of different actors and transport modes)
  - System setup (suitable routes, timetables, technologies, infrastructure)
  - Implementation

The analysis constitutes a project assignment which will result in a written report and presented orally in class.

<b>Qualitative targets</b>	<b>Learning outcomes</b>
Knowledge and understanding	1+2+3
Skills and abilities	1+2+3+4
Judgement and approach	1+2+3+4

### **Course content**

This course, deals with intermodal door to door transport where the modal combination involves sea transport as one of the modes. Most attention will be paid to the sea-land intermodal combination, but other combinations will be covered as well. The course focuses on strategic and operational aspects of intermodal transports in a cross disciplinary approach. The course covers:

- Introduction to intermodal transport
- Intermodal transport technologies
- Intermodal system management and economics
- Analytical frameworks for strategic intermodal system design

- Intermodal legal and security frameworks

**Form of teaching**

The course will be assessed by written examination (weight 60 % in the final grade). Written assignments, research reports will constitute part of the final grade from the course (weight 40 %).

The learning outcomes 1-3 are assessed through the written exam and presentation of a main project assignment.

Learning outcome 4 is assessed through the writing and presentation of a main project assignment.

Due to limited resources the project assignment can only be assessed at fixed examination sessions during the course period.

A student who has failed a test twice has the right to change examiner, unless weighty argument can be adduced. The request shall be sent to the Graduate School and has to be in writing.

The Graduate School is obliged to offer the exam at least five times during the course of each two year period. Students who have made five unsuccessful attempts to pass an exam have lost the possibility of obtaining the Master of Science Degree.

*Language of instruction:* English

**Assessment****Grades**

The grading scale comprises: Pass with Distinction (VG), Pass (G) and Fail (U).

For Pass on the course, 50% of the total of the points that are possible to achieve will be needed. For Pass with Distinction, 75% of the total of the points that are possible to achieve will be needed.

**Course evaluation**

The course will be evaluated upon completion. The results of the evaluation will be communicated to the students and will function as a guide for the development of the course.

**Additional information**

The syllabus in English is the official binding document.