



## GRADUATE SCHOOL

### **GM0525 Integrated Logistics, 7.5 credits**

Integrerad Logistik, 7,5 högskolepoäng

*Second Cycle*

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#### **Confirmation**

This course syllabus was confirmed by Graduate School on 2021-03-08 and was last revised on 2023-03-22 to be valid from 2023-08-28, autumn semester of 2023.

*Field of education:* Social Sciences 100%

*Department:* Graduate School

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

The course Integrated Logistics, is a course within the Master of Science programmes 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 Integrated Logistics the participant must fulfil the entrance qualifications for the Master of Science programme in Logistics and Transport Management. For programme specific entrance requirements, see programme syllabus.

#### **Learning outcomes**

On successful completion of the course the student will be able to:

#### *Knowledge and understanding*

1. define key concepts of logistics
2. describe the core components of business logistics and how they interact in order to

create output from the logistics function in a company

3. describe the economic, social and environmental significance of logistics
4. describe the main kind of actors and means of transport in the logistics system

*Competence and skills*

5. reflect around the significance of cross-functional co-ordination between logistics and other company functions
6. reflect around the need and potential for inter-organizational logistics coordination

*Judgement and approach*

7. analyse business strategies of companies and their connection to logistics.

The course is sustainability-related, which means that at least one of the learning outcomes clearly shows that the course content meets at least one of the University of Gothenburg's confirmed sustainability criteria.

**Course content**

The objective of the course is to give the student knowledge of core components of business logistics and their contributions to logistics and business output. This includes knowledge about the components of logistics and their inter-relationships, actors in the logistics system, transport modes, logistics strategies and environmental impacts. The student will develop an understanding of the impacts of logistics on society (economically, environmentally and socially) and trends for the future. The student will be able to analyze relationships between logistics and other company functions (eg. marketing and CSR) and the significance of inter-organizational coordination in supply chains. The theories of logistics are learned through active participation in lectures and seminars, where opportunities to discuss the course content with lecturers and fellow students.

**Form of teaching**

The course contains lectures, exercises and group assignments.

*Language of instruction:* English

**Assessment**

All learning outcomes will be assessed through a written exam.

Exams shall be written individually; cooperation in formulating text, tables, figures etc. is not allowed. Collaboration with group members in group coursework is allowed.

However, each individual must also submit a form describing their input to the report.

A student who has taken two exams in a course or part of a course without obtaining a pass grade is entitled to the nomination of another examiner. The student needs to contact the department for a new examiner, preferably in writing, and this should be approved by the department unless there are special reasons to the contrary (Chapter 6 Section 22 of the Higher Education Ordinance).

If a student has received a recommendation from the University of Gothenburg for special educational support, where it is compatible with the learning outcomes of the course and provided that no unreasonable resources are required, the examiner may decide to allow the student to sit an adjusted exam or alternative form of assessment.

In the event that a course has ceased or undergone major changes, students are to be guaranteed at least three examination sessions (including the ordinary examination session) over a period of at least one year, but no more than two years, after the course has ceased/been changed.

The number of examinations is limited to five.

### **Grades**

The grading scale comprises: Excellent (A), Very good (B), Good (C), Satisfactory (D), Sufficient (E) and Fail (F).

The grade (A-E) corresponds to the total score a student obtains on the written exam. To receive a pass grade (A-E)  $\geq 50\%$  points is required. The scale is tied to fixed score intervals:

A: 85-100%

B: 75-84%

C: 68-74%

D: 60-67%

E: 50-59%

F:  $<50\%$

### **Course evaluation**

The course will be evaluated upon completion. The results of and possible changes to the course will be shared with students who participated in the evaluation and students who are starting the course.