



## GRADUATE SCHOOL

### **GM0522 Logistics Information Systems, 7.5 credits**

Logistiska informationssystem, 7,5 högskolepoäng

*Second Cycle*

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#### **Confirmation**

This course syllabus was confirmed by School of Business, Economics and Law on 2017-04-18 and was last revised on 2020-03-24 by Graduate School to be valid from 2020-03-24, autumn semester of 2020.

*Field of education:* Social Sciences 100%

*Department:* Graduate School

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

The course GM0522 Logistics Information Systems, 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 Logistics Information Systems 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:

1. describe, explain and discuss key terminology, methods, and concepts within business information systems

2. describe, explain and evaluate key applications of information systems within logistics and transport
3. in oral and writing explain and give examples of how advanced information systems and digitalisation can contribute to creating value in a logistics and transport organization and contribute to creating competitive business models
4. identify, analyse and assess ethical and security aspects of information systems from a management perspective
5. identify, analyse and discuss sustainability issues concerning information technology and information systems.

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 course aims at giving the student basic knowledge in the use of information systems in business with a particular focus on its use within logistics and transport. Particular attention is given to how information system and digitalisation can help create competitive businesses. The course also covers key concepts, methods and terminology within business information systems, such as fundamentals of systems services, security and systems implementation. Sustainability issues relating to the use of information technology and information system is identified and discussed in the course along with ethical implications of information technology and information systems.

### **Form of teaching**

The form of teaching is based on lectures, exercises and group assignments.

*Language of instruction:* English

### **Assessment**

Learning outcomes 1, 2, 3, 4 and 5 are examined through an individual written exam.

Learning outcome 2 and 3 are examined through group assignment.

Learning outcome 2 and 4 are examined through exercises.

Active participation on exercises is compulsory. Absence from compulsory elements of the course can be replaced with alternative assignments.

If a student, who has failed the same examined element on two occasions, wishes to change examiner before the next examination session, such a request is to be submitted to the department in writing and granted unless there are special reasons to the contrary (Chapter 6, Section 22 of Higher Education Ordinance).

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, though at most two years after the course has ceased/been changed.

The number of examinations is limited to five.

### **Grades**

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

Pass is required on all examination forms. The written exam weights 75 % of the final grade and the group assignment weights 25 % of the final grade.

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 and possible changes to the course will be shared with students who participated in the evaluation and students who are starting the course.