



GRADUATE SCHOOL

GM0529 Logistics Information Systems, 7.5 credits

Logistiska informationssystem, 7,5 högskolepoäng

Second Cycle

Confirmation

This course syllabus was confirmed by Graduate School on 2021-03-08 to be valid from 2021-08-29, autumn semester of 2021.

Field of education: Social Sciences 100%

Department: Graduate School

Position in the educational system

The course 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.

The course can be part of the following programmes: 1) Master of Science in Management (S2MAN), 2) Master of Science in Marketing and Consumption (S2MAC), 3) Master of Science in Innovation and Industrial Management (S2IFM), 4) Master of Science in Economics (S2NAT), 5) Master of Science in Accounting and Financial Management (S2REF), 6) Master of Science in Knowledge-Based Entrepreneurship (S2KEN), 7) Master of Science in Finance (S2FIN), 8) Master of Science in International Business and Trade (S2IFÖ) and 9) Master of Science in Logistics and Transport Management (S2LOT)

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:

Knowledge and understanding

1. describe, explain and discuss key terminology, methods, and concepts within business information systems
2. explain key applications of information systems within logistics and transport
3. explain how information systems and digitalisation can contribute to creating competitive business models

Competence and skills

4. describe 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 covers key concepts, methods and terminology within business information systems. 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. Attention is given to how information system and digitalisation can help create competitive businesses. 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, and 4 are examined through an individual written exam.

Learning outcomes 1, 2 and 3 are examined through group assignment.

Learning outcomes 2 and 3 are examined through exercises.

Active participation on exercises is compulsory. If a course coordinator agrees that the reason for absence or non-submission of compulsory elements is valid, then the missing elements can be replaced with alternative assignments. A failed group assignment can be supplemented to a Pass grade.

Collaboration with members in group assignment and exercises is allowed. However, all coursework reports must contain a section to present each members' contribution to the work.

The individual exam shall be written individually, cooperation in formulating text, tables, figures etc. is not allowed.

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).

Pass is required on all examination forms. The written exam weights 60 % of the final grade and the group assignment weights 40 % of the final grade. The exercises are graded Pass/Fail. 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.