

## **SMMX33, Digitalization and E-commerce in Supply Chains, 7.5 credits**

*Digitalisering och e-handel i försörjningskedjor, 7,5 högskolepoäng*  
**Second Cycle / Avancerad nivå**

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### **Details of approval**

The syllabus was approved by the board of the Department of Service Studies on 2025-03-05 (STYR 2025/633). The syllabus comes into effect 2025-03-05 and is valid from the autumn semester 2025.

### **General information**

The course is compulsory and included in the Master's (120 credits) programme in Service Management (SASMA). It is the fifth specialised course in the supply chain management specialisation and held in the third semester.

*Language of instruction:* English

*Main field of  
study*

*Specialisation*

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A1F, Second cycle, has second-cycle course/s as entry requirements

### **Learning outcomes**

For a grade of Pass on the course, the student shall be able to

#### **Knowledge and understanding**

- understand and explain digital trade and the principles of e-commerce from a supply chain perspective
- understand and explain the control of, and system for, digitisation of the supply chain, and
- have insight into current trends, questions and projects relating to digitisation of the supply chain.

## Competence and skills

- orally and in writing reason about the processes, challenges and consequences of the digitalisation of the supply chain, and
- describe and analyse the digitisation of supply chains.

## Judgement and approach

- demonstrate a critical approach to digitisation and e-commerce relating to supply chains.

## Course content

The student will develop and deepen their understanding of current trends, possibilities and challenges in the digitisation of supply chains with a special focus on e-commerce.

### **Module 1:** Individual report

The student is offered a choice of several topics that cover digitisation tools, concepts and methods. During the individual work, the student learns the basis of current concepts, their area of application in the sector and applicability for the supply chain in an organisation. In addition, the student should be able to analyse how these tools can be used to improve the supply chain.

### **Module 2:** Project work in groups

The student develops specialised knowledge of a certain digitisation tool, methodology or concept. The student examines applicability, barriers and potential advantages, and evaluates application scenarios to develop practical and theoretical knowledge of the digitisation process in a case at a company or in a supply chain.

## Course design

The teaching consists of lectures, seminars and supervision.

Participation in seminars is mandatory. Absence will be compensated with replacement activities later during the course or closely connected to the course

## Assessment

The assessment is based on

- Individual report (2.5 credits), module code 2501
- Project work in groups (5 credits), module code 2502

The course includes opportunities for assessment at a first examination, a re-sit close to the first examination and a second re-sit for courses completed in the past year (catch-up exam). At least two further re-examinations on the same course content are offered within a year of a major change to, or discontinuation of, the course. After this, further re-examination opportunities are offered, but in accordance with the current course syllabus.

The examiner, in consultation with Disability Support Services, may deviate from the regular form of examination in order to provide a permanently disabled student with a form of examination equivalent to that of a student without a disability.

## Grades

Grading scale includes the grades: U=Fail, E=Sufficient, D=Satisfactory, C=Good, B=Very Good, A=Excellent

The grade for results that are not approved is Fail. The student's performance is assessed on the basis of the learning outcomes for the course. For the grade of E, the student has demonstrated sufficient results for basic knowledge and understanding of the studied subject. For the grade of D, the student has demonstrated satisfactory results. For the grade of C, the student has demonstrated good results. For the grade of B, the student has demonstrated very good results. For the grade of A, the student has demonstrated excellent results. For the grade of Fail, the student has demonstrated unacceptable results.

All assessed components are assigned points between 0 and 100 and grades according to the following scale:

A: 91-100 points

B: 81-90 points

C: 71-80 points

D: 61-70 points

E: 51-60 points

Failed: 0-50 credits

The grade for the whole course is decided through the following formula:  $0.35 \times \text{number of points for assessed Part 1 (module code 2501)} + 0.65 \times \text{number of points for assessed Part 2 (module code 2502)}$ , using the same grading scale as above.

For the grade of Pass, the student must have obtained at least a grade of E for module code 2501 and 2502. Students who does not satisfy this requirement are given the grade of Fail.

At the beginning of the course, the students are informed about the learning outcomes that are stated in the course syllabus and about the grading scale and how it is applied in the course.

## Entry requirements

To be admitted to the course, the student must have completed at least 60 credits within the Master's of Science programme in Service Management, 30 credits of which must be from courses during programme semester 1 and 15 credits must consist of the course in methods.

## Further information

The course cannot be included in the degree together with SMMV33 Digitalization and E-commerce in Supply Chains (7.5 credits)