



**LUND**  
UNIVERSITY

Faculty of Social Sciences

## **SMMV33, 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 Management and Service Studies on 2021-02-17 to be valid from 2021-08-30, autumn semester 2021.

### **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 studies*

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*Depth of study relative to the degree requirements*

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**

- demonstrate the ability to discuss processes, challenges and the consequences of digitisation of the supply chain, orally and in writing, 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.

#### Part 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.

#### Part 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 workshops.

Unless there are valid reasons to the contrary, compulsory participation is required in seminars and workshops. Students who have been unable to participate through no fault of their own due to circumstances such as an accident or sudden illness will be offered the opportunity to compensate for or re-take compulsory components. This also applies to students who have been absent because of elected office duties, e.g. as a student representative.

### **Assessment**

The assessment is based on

Individual report (2.5 credits)

Project Work (group) (5 credits)

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.

*Subcourses that are part of this course can be found in an appendix at the end of this document.*

## **Grades**

Marking scale: Fail, E, D, C, B, A.

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.

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.

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:  $0.35 \times$  number of points for assessed Part 1 (module code 2101) +  $0.65 \times$  number of points for assessed Part 2 (module code 2102), using the same grading scale as above.

For the grade of Pass, the student must have obtained at least a grade of E for both assessed components. Students who does not satisfy this requirement are given the grade of Fail.

## **Entry requirements**

For entry to the course, the student must, prior to semester 3 of the programme, have completed at least 45 credits in the Master's (120 credits) programme in Service Management of which 7.5 credits must consist of the introductory course to the programme and 7.5 credits of the student's specialisation-specific introductory course.

## Subcourses in SMMV33, Digitalization and E-commerce in Supply Chains

Applies from H21

- 2101 Individual report, 2,5 hp  
Grading scale: Fail, E, D, C, B, A
- 2102 Project work, 5,0 hp  
Grading scale: Fail, E, D, C, B, A