

## COURSE SYLLABUS

# IT-Enabled Changes in Supply Chain Management, 7.5 credits

*IT-Enabled Changes in Supply Chain Management, 7,5 högskolepoäng*

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<b>Course Code:</b>	JENR20	<b>Education Cycle:</b>	Second-cycle level
<b>Confirmed by:</b>	Council for Undergraduate and Masters Education Dec 17, 2019	<b>Disciplinary domain:</b>	Technology
<b>Valid From:</b>	Jan 13, 2020	<b>Subject group:</b>	IF1
<b>Version:</b>	1	<b>Specialised in:</b>	A1N
		<b>Main field of study:</b>	Informatics

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## Intended Learning Outcomes (ILO)

On completion of the course the students will be able to:

### Knowledge and understanding

1. Demonstrate understanding of concepts in the context of IT-enabled supply chain management such as Business and IT-alignment, Enterprise architecture, Enterprise modeling, Business process management, and digitalization
2. Demonstrate understanding of the concept of enterprise systems (ES) and how they can support supply chain management and display knowledge about contemporary ES platforms
3. Display knowledge of trends in areas relevant for supply chain management and IT-enabled change

### Skills and abilities

4. Demonstrate ability to, through modeling, describe and represent an enterprise from a supply chain management perspective
5. Demonstrate ability to, through modeling, describe and represent supply chain taking into account both business and technology dimensions
6. Demonstrate an understanding of modelling and visualizing various aspects of an enterprise using modern standards and tools
7. Demonstrate ability to implement basic supply chain management processes in ES
8. Demonstrate ability to use approaches for ES implementation

### Judgement and approach

9. Demonstrate ability to identify and describe how IT can enable supply chain management
10. Demonstrate ability to optimize business processes in ES

## Contents

The course provides knowledge and skills of applying a holistic perspective on IT-enabled changes supply chain management. This will be done via modeling to capture, describe and structure different dimensions of an enterprise related to supply chain management also

including business objectives, technology and humans.

Focal areas that will be elaborated in the context of supply chain management are:

- Use and support of information systems
- Business and IT-alignment
- Enterprise architecture
- Enterprise modeling
- Business process management
- Digitalization and digital transformation
- Out of the box business support in a standard ES, implementation models and how to realize/implement business processes in ES

### Type of instruction

The course consists of lectures, seminars and assignments with tutoring.

The teaching is conducted in English.

### Prerequisites

Bachelor's degree in Business Administration or Informatics (or the equivalent).

### Examination and grades

The course is graded A, B, C, D, E, FX or F.

The learning outcomes (ILOs) are examined in the following way:

- Individual written exam (ILOs: 1 – 10) representing 4,5 credits
- Group assignments, written and oral, (ILOs: 1 – 10) representing 3 credits

For clarification of how ILOs are examined, see section below.

Registration of examination:

Name of the Test	Value	Grading
Individual written exam <sup>1</sup>	4.5 credits	A/B/C/D/E/FX/F
Group assignments (written and oral) <sup>1</sup>	3 credits	A/B/C/D/E/FX/F

<sup>1</sup> Registration of examination:

All parts of compulsory examination in the course must be passed with a passing grade (A-E) before a final grade can be set. The final grade of the course is determined by the sum total of points for all parts of examination in the course (0-100 points). Grade is set in accordance to JIBS grading policy.

### Course evaluation

It is the responsibility of the examiner to ensure that each course is evaluated. At the outset of the course, evaluators must be identified (elected) among the students. The course evaluation is carried out continuously as well as at the end of the course. On the completion of the course the course evaluators and course examiner discuss the course evaluation and possible improvements. A summary report is created and archived. The reports are followed up by program directors and discussed in program groups and with relevant others (depending on

issue e.g. Associate Dean of Education, Associate Dean of faculty, Director of PhD Candidates, Dean and Director of Studies). The next time the course runs, students should be informed of any measures taken to improve the course based on the previous course evaluation.

### **Other information**

#### Academic integrity

JIBS students are expected to maintain a strong academic integrity. This implies to behave within the boundaries of academic rules and expectations relating to all types of teaching and examination.

Copying someone else's work is a particularly serious offence and can lead to disciplinary action. When you copy someone else's work, you are plagiarizing. You must not copy sections of work (such as paragraphs, diagrams, tables and words) from any other person, including another student or any other author. Cutting and pasting is a clear example of plagiarism. There is a workshop and online resources to assist you in not plagiarizing called the Interactive Anti-Plagiarism Guide.

Other forms of breaking academic integrity include (but are not limited to) adding your name to a project you did not work on (or allowing someone to add their name), cheating on an examination, helping other students to cheat and submitting other students work as your own, and using non-allowed electronic equipment during an examination. All of these make you liable to disciplinary action.

### **Course literature**

#### Articles

A list articles will be supplied at the course introduction.