COURSE SYLLABUS
Digital Supply Chain Management, 15 credits

Digital Supply Chain Management, 15 högskolepoäng

Course Code:	JDSR23	**Education Cycle:**	Second-cycle level
Confirmed by:	Council for Undergraduate and Masters Education Jan 30, 2023	**Disciplinary domain:**	Social sciences
Valid From:	Aug 21, 2023	**Subject group:**	FE1
Version:	1	**Specialised in:**	A1N
		Main field of study:	Business Administration

Intended Learning Outcomes (ILO)

On completion of the course the students will be able to

Knowledge and understanding
1. Describe common challenges in digital supply chain transformation
2. Explain issues related to measuring the performance of digital supply chains

Skills and abilities
3. Analyze typical challenges in supply chain digitalization related to key digital capabilities and value chain transformation
4. Develop skills to recognize opportunities for supply chain transformation building on different digital technologies

Judgement and approach
5. Evaluate the theoretical foundations of digital supply chain transformation and management
6. Reflect on the supply chain's impact on sustainability and the Sustainable Development Goals (SDGs) of Agenda 2030

Contents

The purpose of this course is to discover the drivers and challenges of digital transformation of supply chains and to explore the key competencies needed for practitioners to promote and manage this process. Structured around five modules, this course offers an overview of how to develop digital supply chain strategies and readjust organizational structures to align with the latest technologies, managing the sharing of information and strategic sourcing, identifying digital initiatives to improve supply chain innovation and resilience and how digital technologies support the development of sustainable supply chains.

The 15 credits course on digital supply chain management in divided into 5 modules of 3 ECTS credits each:

Module 1:
Understanding and managing challenges in digital supply chain transformation

Module 2:
Discovering practices for digital information sharing in supply chains and using customer insights

Module 3:
Applying digital initiatives to improve agility, resilience and responsiveness in supply chains

Module 4:
Developing digital supply chain strategies by using relevant competencies

Module 5:
Digital technologies to support the development of sustainable supply chains

Connection to Research and Practice

This course is designed and delivered in collaboration with the Media, Management and Transformation Centre (MMTC) at Jönköping International Business School. During this course, MMTC researchers together with industry experts will share their expertise about digital transformation in supply chains. During the course, you will explore the benefits of using digital technologies and how to gain more value in your supply chains. You will be able to reflect on the best ways in which your specific supply chains can be enhanced through digital technologies. In addition, you will be able to understand the relevant practices in digital supply chains which improve your firm's ability to gain a competitive advantage in dynamic and volatile market conditions.

Type of instruction

This course will be delivered on JIBS campus with the possibility of hybrid sessions. The course provides lectures, case studies, workshops and group project activities. Different guest lecturers and industrial experts will be invited.

The teaching is conducted in English.

Prerequisites

To be eligible for this course, the applicant must fulfil one of the following criteria:
Bachelor's degree in business administration or economics (i.e., the equivalent of 180 ECTS at an accredited university) and at least 2 years of work experience,
OR
Bachelor's degree in a different discipline and at least 2 years of relevant work experience (i.e., in the field of management/entrepreneurship/leadership/project management/Industrial engineering and management),
OR
Applicants without a bachelor's degree with at least 4 years of relevant experience (i.e., in the field of management/entrepreneurship/leadership/project management in the public/private and/or not-for profit sector(s)).
AND

English proficiency is required (level 6/B or equivalent).

Examination and grades
The course is graded Fail (U) or Pass (G).

Assessment:
The ILOs listed above are assessed through the following types of examination:
Individual and group assignments for each module.
Individual assignment (ILOs: 1, 2, 3, 4, 5, 6) representing 7,5 credits
Group assignment (ILOs: 1, 2, 3, 4, 5, 6) representing 7,5 credits

To pass the course, participants must pass each module successfully:

Registration of examination:

Name of the Test	Value	Grading
Module 1[I]	3 credits	U/G
Module 2[I]	3 credits	U/G
Module 3[I]	3 credits	U/G
Module 4[I]	3 credits	U/G
Module 5[I]	3 credits	U/G

[I] Registration of examination:

All parts of compulsory examination in the course must be passed.

Course evaluation
It is the responsibility of the examiner to ensure that each course is evaluated. At the outset of the course, the programme evaluators in the course must be contacted. In the middle of the course, the examiner should meet the programme evaluators to identify strengths/weaknesses in the first half of the course.

At the end of the course, the examiner should remind students to fill in the survey. The examiner should also call a meeting with the programme evaluators to debrief the course, based on course evaluation data and comments. The next time the course runs, students should be informed of any measures taken to improve the course based on the previous course evaluations.

At the end of each study period, JIBS' Director of Quality and Accreditation crafts a "Course Evaluation Quarter Report", presenting the quantitative results from course evaluation surveys. The Associate Dean of Education, The Associate Deans of Faculty, Programme Directors, and JSA President and Quality receive the report.

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

A reading list will be supplied at the course introduction.