

Sustainable supply chain management in apparel and textiles

Hållbar styrning av värdekedjor inom textil- och klädindustrin

7.5 credits

Ladok Code: AE2HS1

Version: 12.0

Established by: Committee for Education in Business and Working Life 2025-06-11

Valid from: Spring 2026

Education Cycle: Second cycle

Main Field of Study (Progressive Specialisation): Textile Management (A1N), Industrial Economics (A1N)

Disciplinary Domain: Social sciences

Prerequisites: Bachelor's degree within Business Administration or Industrial Economics, Textile Technology, Textile or Fashion Design. Completed exam on supply chain management in Theoretical Foundations of Supply Chain Management and Fashion Management, or equivalent. Furthermore knowledge in English equivalent to English 6.

Subject Area: Leadership, Organisation and Management

Grading Scale: Seven-degree grading scale (A-F)

Content

The course deals with sustainable supply chain management with an emphasis on textiles and fashion. In the course the students consider fundamental concepts, theoretical perspectives and strategies related to sustainable supply chain management. The course further increases students understanding of environmental and social value creation in extended supplier networks. In addition impacts of digitalization on sustainability performance in the fashion value chain are discussed.

Learning Outcomes

After completing and passing the course, students should be able to:

Knowledge and Understanding

- 1.1 explain and give an account of fundamental concepts, principles and theoretical perspectives in sustainable supply chain management,
- 1.2 identify the implications of digitalization on the sustainability performance in textile and fashion value chains,
- 1.3 give an account of the development within sustainable logistics systems and circular supply chains,

Competence and Skills

- 2.1 apply fundamental concepts, principles and theoretical perspectives in sustainable supply chain management to analyze sustainability performance within the fields of textile and fashion,
- 2.2 analyze tensions between economic, environmental and social value creation from a sustainable supply chain management perspective,
- 2.3 engage in constructive dialogue with peer students on opportunities and challenges to deliver sustainability performance in textile and fashion value chains,

Judgement and Approach

- 3.1 with support of theories reflect on complexity of implementing sustainability practices in the supply chain and suggest improvement pathways,
- 3.2 reflect on theoretical frameworks within sustainable supply chain management in relation to industry practices within the fields of textiles and fashion.

Forms of Teaching

Tuition consists of lectures, workshops, supervision and seminars.

The language of instruction is English.

Forms of Examination

The course will be examined through the following examination elements

Individual written exam

Learning outcomes: 1.1-1.3, 2.1, 2.2

Credits 4,0

Grading scale: A-F

Oral group presentation and debate

Learning outcomes: 2.1- 2.3, 3.1, 3.2

Credits 3,5

Grading scale: A-F

In order to achieve E or higher grade for the course all parts of the examination must be graded E or higher.

The final grade for the course is achieved by means of a weighted value between the elements: individual written exam (4,0 credits) and oral group presentation and debate (3,5 credits).

If the student has received a decision/recommendation regarding special pedagogical support from the University of Borås due to disability or special needs, the examiner has the right to make accommodations when it comes to examination. The examiner must, based on the objectives of the course syllabus, determine whether the examination can be adapted in accordance with the decision/recommendation.

Student rights and obligations at examination are in accordance with guidelines and rules for the University of Borås.

Literature and Other Teaching Materials

Cetinkaya, B., & Cuthbertson, R. (2011). *"Sustainable supply chain management: Practical Ideas for Moving towards Best Practice"*, Springer-Verlag: Berlin Heidelberg.

Chkanikova, O. & Kogg, B. (2018). Sustainability governance service providers: the role of third-party product certification in facilitating corporate life cycle management. *International Journal of Life Cycle Assessment*, 2018(23), pp. 1383-1395

Hart, S.L. (1995). A Natural Resource-Based View of the Firm. *The Academy of Management review*, 20(4), pp. 986-1014

Pagell, M., Wu, Z. & Wasserman, M.E. (2010). Thinking differently about purchasing portfolios: an assessment of sustainable sourcing. *Journal of Supply Chain Management*, 46 (1), pp. 57-73.

Pal, R., Sandberg, E. & Paras, M.K. (2019). Multidimensional value creation through different reverse supply chain relationships in used clothing sector. *Supply Chain Management: An International Journal*.

Seuring, S. & Muller, M. (2008). From a literature review to a conceptual framework for sustainable supply chain management. *Journal of Cleaner Production*, 16 (2008), pp. 1699-1710.

Further literature and teaching materials are provided via the learning platform (maximum 300 pages).

Student Influence and Evaluation

The views of students will be canvassed systematically and regularly by means of written course assessments once courses are complete. For further information, please see the university policy on course assessments and documents prepared by the Faculty Board, Director of Studies and Course Coordinator.

Miscellaneous

The course is a program course for the master program in textile management.