



## On Methodology and the Philosophy of Science in Textile Management Metodologi och vetenskapsteori i Textilt Management

7.5 credits

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**Ladok Code:** A2MV1D

**Version:** 10.2

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

**Valid from:** Autumn 2025

**Education Cycle:** Second cycle

**Main Field of Study (Progressive Specialisation):** Business Administration (A1N), Textile Management (A1N)

**Disciplinary Domain:** Social sciences

**Prerequisites:** Bachelor's Degree in business economics or industrial economics, textile technology, textile design or fashion design. Furthermore knowledge in English equivalent to English 6.

**Subject Area:** Other Subjects within Social Science

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

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### Content

The course aims to provide students with a basic understanding of the foundation of science including philosophy of science, ontology and epistemology, understanding of the research strategy and study design in social science research, and research ethics. The course provides orientation about finding and formulating research problems -- from research overview to the finished academic paper and various data gathering techniques. In addition, the course covers the main aspects of quantitative and qualitative research methods including qualitative and quantitative data analyses, how to report data and results in a research study, and how to communicate the research findings in oral and written scholarly communication.

### Learning Outcomes

The course's overall goal is to instruct and train the student in scientific methodology as it manifests itself in social science in general and, in particular, in business administration and textile management.

After completing the course students should be able,

#### *Knowledge and Understanding*

- 1.1. Give details of theory of knowledge concepts and issues.
- 1.2. Define selections.
- 1.3. Independently and critically demonstrate understanding of various types of texts, their structures and use.

#### *Competence and Skills*

- 2.1. Apply theory of knowledge concepts to appropriate issues in textile management.
- 2.2. Identify and collate research in a purpose-specific way for own area of interest.
- 2.3. Distinguish and identify methodology-related concepts and concept relationships in social science research in general and, in particular, in textile management research.
- 2.4. Develop and discourse on problems related to general issues in textile management and translate these into a researchable problem.
- 2.5. Based on issues and practical circumstances, make appropriate choices of methodology.
- 2.6. Apply quantitative and qualitative methods for gathering, expressing and analysing empiric material.
- 2.7. Analyse, with both quantitative and qualitative orientations, research results in business administration and textile management.
- 2.8. Independently follow a given stylesheet/template and master the reference system.
- 2.9. Communicate, in good written and spoken English, a study, its design, implementation and results.

#### *Judgement and Approach*

- 3.1. Support the scientific work and tradition characterising a study's main field by taking a stance on and evaluating various scientific perspectives.
- 3.2. Demonstrate an ability to identify his or her need for further knowledge and take responsibility for his or her own knowledge development.
- 3.3. Critically reflect on the challenges in scholarly/scientific work.

### **Forms of Teaching**

Tuition consists of lectures, presentation tasks and seminars.

The language of instruction is English.

### **Forms of Examination**

The course will be examined through the following examination elements:

*Assignment 1: Written group submission focused on qualitative methods*

Learning outcomes: 1.1-1.3, 2.1-2.9, 3.1-3.3

Credits: 2

Grading scale: Fail (U) or Pass (G)

*Presentation 1: Oral presentation associated with Assignment 1, in groups*

Learning outcomes: 1.1, 1.3, 2.9, 3.1-3.3

Credits: 0.5

Grading scale: Fail (U) or Pass (G)

*Assignment 2: Written group submission focused on quantitative methods*

Learning outcomes: 1.1-1.3, 2.1-2.9, 3.1-3.3

Credits: 2

Grading scale: Fail (U) or Pass (G)

*Presentation 2: Oral presentation associated with Assignment 2, in groups*

Learning outcomes: 1.1, 1.3, 2.9, 3.1-3.3

Credits: 0.5

Grading scale: Fail (U) or Pass (G)

*Exam: Individual written exam*

Learning outcomes: 1.1-1.3, 2.1-2.7, 3.1-3.3

Credits: 2.5

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

Students must pass all examinations in order to achieve a minimum final grade of E, which will be determined by the grade of individual written home exam.

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**

Bryman, A. (2015) Social research methods. 5th edn. Oxford: Oxford University Press.

Scherbaum, C. and Shockley, K. (2015) Analysing quantitative data for business and management students. 1st edn. London: SAGE Publications Ltd.

Further literature and teaching materials are provided via the learning platform (max. 400 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 course within the program Magisterprogram in Textilt Management 60hp, Master in Fashion Marketing and Management 120hp, and Master in Textile Value Chain Management 120hp.

This syllabus is a translation from the Swedish original.