



COURSE SYLLABUS

Förståelse av gröna och hållbara omställningar

Understanding green and sustainable transitions

7.5 credits (7,5 högskolepoäng)

Course code: SL2555

Main field of study: Strategic Leadership towards Sustainability

Disciplinary domain: Technology

Education level: Second cycle

Specialization: AIN - Second cycle, has only first cycle course/s as entry requirements

Subject area: Industrial Engineering and Management

Language of instruction: English

Applies from: 2021-01-18

Approved: 2020-10-01

1. Decision

This course is established by Dean 2020-09-24. The course syllabus is approved by Head of Department of Strategic Sustainable Development 2020-10-01 and applies from 2021-01-18.

2. Entry requirements

Admission to the course requires at least 120 credits of university education completed, and English 6.

3. Objective and content

3.1 Objective

Crises are windows of opportunity where transformative change in society can take place. Therefore, now is the time to 'deliberately' design a new, green economy. This course will explore key sustainability challenges and the underlying drivers of the current unsustainable system. The course will cover strategic approaches to sustainable development and a variety of tools to support transitions towards sustainability. The course is aimed at early- to mid-career professionals who are interested in supporting their sector in these transitions. The course will focus on two sectors in particular: tourism and manufacturing. The course is the first of two courses, which leads to a 15 credits certification.

3.2 Content

The content of the course includes:

- An introduction to strategic sustainable development (both what it is and why it is important to understand)
- An introduction to systems thinking, complexity, and the role of crises and disturbance in societal change
- Several theories of change applied to complex social-ecological systems, and the role of disturbance in creating change
- An introduction to several tools, methods, and concepts that support the implementation of green and sustainable transitions

4. Learning outcomes

The following learning outcomes are examined in the course:

4.1 Knowledge and understanding

On completion of the course, the student will be able to:

- Explain what strategic sustainable development is and why it is needed
- Identify the defining features of complex social-ecological systems and explain how these features affect how change happens in society
- Describe different ways change is theorised in the field of sustainability

4.2 Competence and skills

On completion of the course, the student will be able to:

- Engage in constructive and reflective dialogue about sustainability transitions with peers in an online format
- Theorise how sustainability change happens, drawing on scholarship on change in the field of sustainability

4.3 Judgement and approach

On completion of the course, the student will be able to:

- Identify appropriate tools, methods, and concepts for navigating times of disruption and disorganisation in a given context and rationalise why they are appropriate

5. Learning activities

The course is given on distance. The teaching includes recorded lectures, webinars, and discussion forums both asynchronously and in real time. The lectures introduce theories, concepts, methods and tools, while webinars are used to address students' questions and engage them in more dynamic discussions. Teachers with different scientific backgrounds, professional experience, and perspectives deliver and facilitate the course. The students' different educational backgrounds, professional experiences and cultural backgrounds are also taken advantage of in the learning process.

6. Assessment and grading

Modes of examinations of the course

Code	Module	Credits	Grade
2105	Written assignment 1	0.5 credits	GU
2115	Written assignment 2	1.5 credits	GU
2125	Written assignment 3	2 credits	GU
2135	Project assignment	3 credits	GU
2145	Written assignment	0.5 credits	GU

The course will be graded G Pass, UX Fail, supplementation required, U Fail.

A pass on all items is required to obtain a final grade.

To be graded, the project assignment and the individual assignments must be submitted on time. Late submissions, as well as poor participation in project group activities, is considered as a fail for that submission opportunity, unless otherwise agreed with the course examiner. Two opportunities to perform failed assignments are offered within the next learning period. All submission deadlines are outlined in the Course PM, which is handed out at the beginning of the course. Further opportunities to perform failed assignments are provided at the next offerings of the course.

The course-PM for each course revision should include the assessment criteria and make explicit in which modes of examination that the learning outcomes are assessed.

An examiner can, after consulting the Disability Advisor at BTH, decide on a customized examination form for a student with a long-term disability to be provided with an examination equivalent to one given to a student who is not disabled.

7. Course evaluation

The course evaluation should be carried out in line with BTH:s course evaluation template and process.

8. Restrictions regarding degree

The course can form part of a degree but not together with another course the content of which completely or partly corresponds with the contents of this course.

9. Course literature and other materials of instruction

Compendium with articles and other material.