

Syllabus

for course at first level

Sustainability science II

Vetenskap om hållbar utveckling II

15.0 Higher Education

Credits

15.0 ECTS credits

Course code:	BL4022
Valid from:	Autumn 2020
Date of approval:	2020-08-17
Department	Department of Biology Education
Subject	Other Subjects within Natural Science
Specialisation:	G2F - First cycle, has at least 60 credits in first-cycle course/s as entry requirements

Decision

This syllabus has been approved by the Board of the Faculty of Science at Stockholm University.

Prerequisites and special admittance requirements

Admission to the course requires knowledge equivalent to Sustainability Science I.

Course structure

Examination code	Name	Higher Education Credits
DEL1	Resilience strategies: theory and practice	10
DEL2	Corporations and sustainable development inII	5

Course content

a. The course advances the knowledge and skills developed during Sustainability Science I, introduces resilience thinking for sustainable development, and discusses how companies can develop through applying “corporate biosphere stewardship” – in other words, by strengthening the societies and ecosystems they depend on.

b. The course consists of the following course units:

1. Resilience strategies: theory and practice (Resiliensstrategier i teori och praktik) 10 hp

This course unit focuses on resilience strategies to navigate complex social-ecological systems and sustainability challenges, and examines cases of resilience practice in organizations.

2, Corporations and sustainable development in the Anthropocene II (Företag och hållbar utveckling i Antropocen II) 10 hp

This course unit deepens the concept of sustainable development and what it means for business. Corporate biosphere stewardship is introduced and discussed.

Learning outcomes

After the course, students are expected to be able to:

Knowledge and understanding

- Demonstrate a basic understanding of systems thinking and resilience (1)

Skills and competences

- At a basic level, apply systems thinking to analyse and address sustainability challenges (1)
- At a basic level, develop resilience strategies in an organizational context (1 and 2)
- Communicate in inter- and transdisciplinary contexts (1 and 2)

Judgement and approach

- Propose a set of responses to a particular sustainability challenge and critically reflect on the strengths and limitations to them (1 and 2)

Education

The education consists of lectures, group instruction, seminars, exercises, project work, field trips

The course is given in English

Forms of examination

a. The course is examined as follows: Knowledge assessment takes the form of written home exams, written and oral presentation, and opposition.

The examination is conducted in English.

In the event of special circumstances, the examiner may, after consultation with the teacher concerned, grant a student exemption.

b. Participation in group instruction, seminars, exercises, project work and any associated integrated instruction is compulsory.

In order to pass the course, students must receive a passing grade on all course units and participate in all mandatory instruction.

c. Grades will be set according to a seven-point scale related to the learning objectives of the course:

A = Excellent

B = Very good

C = Good

D = Satisfactory

E = Adequate

Fx = Fail, some additional work required

F = Fail, much additional work required

Grades of course unit 1 and 2 are set according to a seven-point scale related to the learning objectives. Late submission of the individual assignment/take-home exam will have consequences for the final course grade, which are described in more detail in the course's grading criteria.

The final grade on the course is determined by weighting the grades from all course units, where each grade is weighted in relation to the scope of the course unit. Students must pass all course units in order to pass the course.

d. The grading criteria will be distributed at the beginning of the course.

e. Students who receive a failing grade on a regular examination are allowed to retake the examination as long as the course is still provided. The number of examination opportunities is not limited. Other mandatory course elements are equated with examinations. A student who has received a passing grade on an examination may not retake the examination to attain a higher grade. A student who has failed the same examination twice is entitled to have another examiner

f. Students awarded the grade Fx are given the opportunity to improve their grade to E. The examiner decides the supplementary assignments to be performed and the pass mark criteria. The supplementary assignments will take place before the next examination session.

Interim

Students may request that the examination is carried out in accordance with this syllabus even after it has ceased to apply. This right is limited, however, to a maximum of three occasions during a two-year-period after the end of giving the course. A request for such examination must be sent to the departmental board. The provision also applies in the case of revisions to the course plan.

Misc

The course is part of the Business, Ethics and Sustainability programme but can also be taken as a separate course.

Required reading

The course literature is decided by the department board and published on the website of BIG at least two months before the start of the course.