UNIVERSITY OF SKÖVDE

TRANSLATION FROM SWEDISH

COURSE SYLLABUS

Sustainable Development G1N

7.5 credits

Course code: BV119G
Version number: 5
Valid from: 1 July 2025
Ratified by: Curriculum Committee for Bioscience
Date of ratification: 30 January 2025

1. General information about the course

The course is provided by the University of Skövde and is named Sustainable Development G1N (Hållbar utveckling G1N). It comprises 7.5 credits and is a first-cycle course. The level of progression is G1N.

The course is a part of the main field of study in Bioscience. The disciplinary domain of the course is Natural Sciences.

2. Entry requirements

General entry requirements (or the equivalent).

3. Course content

The course provides basic knowledge of sustainable development, and discusses, principally from a natural science perspective, how economic, social, and ecological factors determine the dynamics of natural resources and the sustainable management of these. However, the economic as well as social perspectives on sustainable development are also given attention. Furthermore, the course covers both national and international sustainable development goals, and exemplify different tools used to analyze anthropogenic environmental impact.

4. Objectives

After completed course the student should be able to:

- characterize the concept of sustainable development (ecological, economic and social) and how the subject has advanced over time,
- discuss how economic, social, and ecological factors affect populations, ecosystems, and the sustainable management of natural resources,
- describe the main national and international sustainable development goals, and how efforts for the fulfillment of these goals at the local, regional and global levels can be pursued and achieved.
- account for the principles of ecological footprints and life cycle analysis, and to discuss difficulties with these,
- carry out a project within sustainable development, and present the results orally, and
- discuss and report on scientific articles within the course's field and distinguish between scientific knowledge and alternative explanatory models.

5. Examination

The course is graded VG (Pass with distinction), G (Pass) or U (Fail).

A final grade of the course is only issued when all the examination parts have been passed.

The examinations of the course consist of the following modes of assessment:

- **Seminar assignment**
  1.5 credits, grades: G/U
- **Oral group presentation**
  2 credits, grades: G/U
- **Supervised written examination**
  4 credits, grades: VG/G/U (determines the final grade)

Students with a permanent disability who have been approved for directed educational support may be offered adapted modes of assessment.

6. Types of instruction and language of instruction

The teaching is comprised of seminars, lectures and project work.

The teaching is conducted in English.

7. Course literature and other educational materials

Hedenus F., Persson, M. and Sprei, F. (2022). *Sustainable Development – Nuances and Perspectives* (2nd ed.). Studentlitteratur AB. ISBN 9789144161198.

Scientific articles and other texts are provided by the teachers.

8. Student influence

Student influence in the course is ensured by means of course evaluation. The students are informed about the results of the evaluation and potential measures that have been taken or are planned, based on the course evaluation.

9. Additional information

The content of the course corresponds completely or partially with the following course(s) and cannot be included in the required credits of a degree qualification:

- EK317G - Biological Resources and Sustainable Development G1F 15 credits
- EK316G - Natural Resources and Sustainable Development G1F 4.5 credits
- EK125G - Sustainable Development - Basic Course G1N 7.5 credits

Further information about the course, as well as national and local governing documents for higher education, is available on the website of the University of Skövde.