



Faculty of Health, Science and Technology
Biology

Syllabus

Education and Learning for Sustainable Development

Course Code:	BIGA25
Course Title:	Education and Learning for Sustainable Development <i>Undervisning och lärande för hållbar utveckling</i>
Credits:	7.5
Degree Level:	Undergraduate level
Progressive Specialisation:	First cycle, has only upper-secondary level entry requirements (G1N)

Major Field of Study:
BIA (Biology)

Course Approval

The syllabus was approved by the Faculty of Health, Science and Technology 2020-03-11, and is valid from the Autumn semester 2020 at Karlstad University.

Prerequisites

General admission requirements

Learning Outcomes

Upon completion of the course, students should be able to:

1. give an account of the concept of sustainable development and its different parts: ecological, social, and economic perspectives
2. give an account of and discuss different scientific theories on global development issues and environmental problems, including climate change, ecological processes, and ecosystem services
3. based on scientific theories, give an account of and discuss how humans influence ecological processes, use natural resources, and have lifestyles that affect global environmental problems and the development of a sustainable society

4. problematise and analyse how communities can take action, on the levels of individuals, society, and politics, which will lead to sustainable development in the long term
5. describe how school curricula and international agreements on sustainable development influence education design, and give an account of and discuss the development of educational theory on sustainability issues
6. discuss sustainable development in relation to the professional role of teachers.

Content

The course is closely related to subject-specific education and the future professional role of teachers. The components focused on teaching include analysis of the significance of steering documents for teaching sustainable development and an overview of educational theory in the area. The course provides a holistic understanding of sustainability issues from social, ecological, and economic perspectives, which also means that examining the role of different social actors in the work for sustainable development is a central part. Perspectives of democracy, justice, and gender equality are covered, as well as global and local issues of survival. These questions are then related to the use of natural resources and to lifestyle aspects. The course includes lectures, seminars, and hand-in assignments.

Reading List

See separate document.

Examination

Learning outcomes 1, 2, 3, and 4 are assessed based on individual written hand-in assignments. Learning outcomes 5 and 6 are assessed based on an individual written hand-in assignment presented and discussed in a seminar.

If students have a decision from Karlstad University entitling them to special pedagogical support due to a documented disability, the examiner has the right to give such students an adapted examination or to examine them in a different manner.

Grades

One of the grades Distinction (VG), Pass (G) or Fail (U) is awarded in the examination of the course.

Quality Assurance

Follow-up relating to learning conditions and goal-fulfilment takes place both during and upon completion of the course in order to ensure continuous improvement. Course evaluation is partly based on student views and experiences obtained in accordance with current regulations and partly on other data and documentation. Students will be informed of the result of the evaluation and of any measures to be taken.

Course Certificate

A course certificate will be provided upon request.

Additional information

The local regulations for studies at the Bachelor and Master levels at Karlstad University stipulate the obligations and rights of students and staff.