Stockholms universitet

2026-06-30

.

Course description

Early Childhood Education: Focusing on Science and Sustainability, 12 credits (UB313F)

First-cycle, studies at 100% pace

Autumn Semester 2026

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Course structure

This course consists of two course modules; MO01: *Early Childhood Educational Perspective on Science and Education for Sustainability, 8 credits,* and MO02: *Subject Learning and Teaching in Science and Education for Sustainability, 4 credits.* The course provides an introduction to the learning environments and explorative approaches to science and education for sustainable development from the perspective of early childhood education.

The course covers scientific exploration in preschools using project-based work, aesthetic forms of expression and outdoor teaching activities. The course also covers the significance of materials for children´s scientific explorations and meaning-making as well as pedagogical documentation as a tool for highlighting children´s thoughts and ideas about scientific phenomena and sustainable development.

A detailed study plan is available on the course site within Canvas and can be accessed once you have registered for the course. The study plan describes how the teaching is structured. It also indicates if preparation is required for the teaching sessions, for example by reading specified literature or completing an assignment.

Attendance

All seminars, workshops and study visits are mandatory. In case of absence, contact the course leader for instructions on make-up assignments. Make-up assignments are published via your course site in Canvas.

Examination

The course/module is examined by:

[**Module 1:** Early Childhood Educational Perspective on Science and Education for Sustainability, 8 cr]

Individual written assignment

Grading scale: seven-point grade

A written paper discussing science and/or sustainability teaching and learning focusing on children´s possibilities to explore the environment.

Instructions for the individual written assignment will be published 2026-09-01 in the Submission folders module in Canvas.

The Individual written assignment must be submitted at the latest by 2026-10-20 at 17:00 in the Submission folders module in Canvas.

Oral group presentation

Grading scale: two grade

An oral group presentation of Swedish, ordinary and wild trees, flowers, birds, mammals or bugs. The students in the study group plan and present collaboratively, using creative methods such as ICT, film, slide show, drama etc.

Instructions for the oral group presentation will be published 2026-09-01 in the Submission folders module in Canvas.

The oral group presentation will take place at the seminar on the 2026-10-01.

[Module 2: Subject learning and teaching in Science and Education for Sustainability, 4 cr]

Individual reflections on seminars

Grading scale: two grade
A written reflection on three seminars in the course with focus on sustainable development issues in preschool.

Instructions for the individual written assignment will be published 2026-09-01 in the Submission folders module in Canvas.

The Individual written assignment must be submitted at the latest by 2026-10-20 at 17:00 in the Submission folders module in Canvas.

Examinations should be graded no later than 15 working days after the examination deadline. The grade will be published in Ladok. Feedback is provided via Canvas.
To be able to see your grade in Ladok, all examination and compulsory components of the course must be completed and passed.

Re-examination

Re-examination, individual written assignment

Instructions for the re-examination are published in the Submission folders module in Canvas.

Submission deadline:
Submit the examination no later than 2026-12-01 at 17:00 in the Submission folders module in Canvas. The examination will be graded no later than 15 working days after the submission deadline.

Re-examination Individual reflections on seminars

Instructions for the re-examination are published in the Submission folders module in Canvas.

Submission deadline:
Submit the examination no later than 2026-12-01 at 17:00 in the Submission folders module in Canvas. The examination will be graded no later than 15 working days after the submission deadline.

Information for students who began the course prior to the current semester

If you were enrolled in the course before the current semester, you must first contact the course administrator regarding re-registration for the course and then hand in the exam according to the deadlines above.

Supplementary assignment for grade Fx

A student who has been awarded the grade Fx is given the opportunity to complete the submitted examination within one week of the date on which the need for supplementary work has been communicated by the examiner.

Final grade for the course

In order to be awarded a passing final grade for the course, a minimum grade of E or G, is required for all examination assignments. In addition, all compulsory assignments must be completed and all required attendance fulfilled.

The grade awarded for the individual written assignment will also constitute the final grade for the course.