Stockholm University

2025-06-23

Study guide

Early Childhood Education: Focusing on Science and Sustainability, 12 credits (ECTS)
(Ub313F)
First cycle, Full-time studies
Autumn semester 2025

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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 plan for the course structure is available via your course site in the learning platform Athena, which you will have access to once you have registered for the course. The plan in Athena will show you how the teaching is structured. The plan also specifies what you need to

prepare before each lecture or seminar, for example by reading specific 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 Athena.

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 2025-09-01 in the 'Examinations' folder in Athena.

The Individual written assignment must be submitted at the latest by 2025-10-20 at 17:00 in the 'Examinations' folder in Athena.

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 2025-09-01 in the 'Examinations' folder in Athena.

The oral group presentation will take place at the seminar on the 2025-10-02.

[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 2025-09-01 in the 'Examinations' folder in Athena.

The Individual written assignment must be submitted at the latest by 2025-10-20 at 17:00 in the 'Examinations' folder in Athena.

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 Athena.
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

Register for the re-examination by emailing the course administrator no later than 2025-11-17. Instructions for the re-examination are published in the 'Examinations' folder in Athena.

Submission deadline:
Submit the examination no later than 2025-12-01 at 17:00 in the 'Examinations' folder in Athena. The examination will be graded no later than 15 working days after the submission deadline.

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 register for the exam according to the deadline above.

Completion of the grade Fx

Students who have received the grade Fx have the opportunity to supplement their submitted examination within one week after the examiner has communicated the need for supplementation.

Final grade for the entire course

To receive a passing final grade for the course, students must have obtained at least an E or a G on all examinations, completed all compulsory assignments, and fulfilled attendance requirements.

The grade awarded for the individual written assignment (MOM1) will also serve as the final course grade.