

# Education plan

for

**Master's Programme in Social-ecological resilience for sustainable development**

**120.0 Higher Education Credits**

**Masterprogram i social-ekologisk resiliens för hållbar utveckling**

**120.0 ECTS credits**

**Programme code:** NSRHO  
**Valid from:** Autumn 2011  
**Date of approval:** 2010-09-22  
**Department:** Department of Biology Education

## Decision

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

## Prerequisites and special admittance requirements

Admission to the programme requires knowledge equivalent to a Bachelor's degree and experience, within or outside the degree, in a field relevant to the program. Swedish upper secondary school course English B or equivalent.

## Programme structure

The programme is an transdisciplinary education and consists of compulsory courses of 52,5 HEC, a degree project of 60 HEC and optional courses of 7,5 HEC.

## Goals

The main field of study is social-ecological resilience for sustainable development. After completing the education programme the student is expected to

- demonstrate knowledge and understanding in their main field of study, including both broad knowledge in the field and substantially deeper knowledge of certain parts of the field, together with deeper insight into current research and development work; and - demonstrate deeper methodological knowledge in their main field of study.
- demonstrate an ability to critically and systematically integrate knowledge and to analyse, assess and deal with complex phenomena, issues and situations, even when limited information is available; - demonstrate an ability to critically, independently and creatively identify and formulate issues and to plan and, using appropriate methods, carry out advanced tasks within specified time limits, so as to contribute to the development of knowledge and to evaluate this work; - demonstrate an ability to clearly present and discuss their conclusions and the knowledge and arguments behind them, in dialogue with different groups, orally and in writing, in national and international contexts; and - demonstrate the skill required to participate in research and development work or to work independently in other advanced contexts.
- demonstrate an ability to make assessments in their main field of study, taking into account relevant scientific, social and ethical aspects, and demonstrate an awareness of ethical aspects of research and development work; - demonstrate insight into the potential and limitations of science, its role in society and people's responsibility for how it is used; and - demonstrate an ability to identify their need of further knowledge and to take responsibility for developing their knowledge.

## Courses

Year 1. Compulsory courses in the main field of study:

Social-ecological systems: challenges and approaches SC, 15 HEC (BL7028),  
Systems Theory and Resilience Thinking SC, 15 HEC (BL8049),  
Governing and managing social ecological systems SC, 15 HEC (BL8050) and  
Resilience reflections and challenges SC, 7,5 HEC (BL8051).  
Optional courses 7,5 HEC.  
Year 2. Resilience in Social-Ecological Systems, Degree Project SC, 60 HEC.

**Degree**

Master's degree.

**Misc**

Students who have been admitted to the programme but not completed it during the scheduled two/three years can request to complete the program even after the programme syllabus no longer applies. In such cases, the limitations stated in the course syllabus apply.