

Education plan

for

**Master's Programme in Ecosystems, Governance
and Globalisation**

**Masterprogram i ekosystem, institutioner och
globalisering**

**120 Higher Education Credits
120 ECTS credits**

Program code: NEIGO
Valid from: Autumn 2007
Date of approval: 2007-02-05
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 program

Knowledge equivalent to a Bachelor's degree. Swedish upper secondary school course English B or equivalent or one of the following tests; Cambridge CPE och CAE: Pass. IELTS : 6.0 (with no part of the test below 5.0). TOEFL (paper based): 550 (with minimum grade 4 on the written test part). TOEFL (computer based): 213. TOEFL (internet based): 79.

Program structure

The program is an interdisciplinary education and consists of compulsory courses of 45 HEC, degree project of at least 52,5 HEC and optional courses of up to 22,5 HEC.

Goals

The main field of study is Ecosystems, Governance and Globalisation. After completing the education program 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: Ecosystem management SC, 7,5 HEC International governance of ecosystems SC, 7,5 hp* Adaptive governance of social-ecological systems SC, 7,5 HEC Resilience, Adaptability and Transformability SC, 7,5 HEC Social-ecological resilience: applications SC, 7,5 hp Philosophy of science for interdisciplinary environmental research SC, 7,5 HEC.

Year 2. Degree project in Ecosystems, Governance and Globalisation SC, 52,5/60 HEC. Optional courses 0-7,5 HEC. * The course is given by the Department of Economic History.

Exam

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.

The program is given in collaboration with the Department of Physical Geography and Quaternary Geology and the Department of Economic History, Stockholm University.