

Contact information

Co-ordination of programme:

Centre for Transdisciplinary Environmental Research, CTM

Department of Biology Education

Programme leader: PhD Maria Tengö

Programme assistant/Study advisor: Sara Borgström/Birgitta Åkerman

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Address: Stockholm University, Centre for Transdisciplinary Environmental Research, CTM, S-106 91 Stockholm, Sweden

Course website: www.ctm.su.se/ngg

Courses:

1. *Philosophy of sustainability science*

Department of Physical Geography and Quaternary Geology

Course leaders: Agr.Dr Thomas Hahn and Dr. Annika Dahlberg

2. *Natural Resource Management and Ecosystem Resilience*

Department of Biology Education

Course leaders: Prof. Thomas Elmqvist and Dr Maria Tengö

3. *Ecosystem management: Collaboration in networks and organizations*

Department of Biology Education

Course leader: AgrDr. Thomas Hahn

4. *International governance of natural resource management*

Department of Economic History

Course leader: Dr. Elisabeth Corell

Master's Programme* at Stockholm University



www.ctm.su.se/ngg

August 2005 – June 2006

CENTRE FOR TRANSDISCIPLINARY ENVIRONMENTAL RESEARCH

* Please note that this is a one-year programme and therefore not equivalent to an International Master's Programme or Degree.



Master's Programme at Stockholm University

Natural Resource Management, Governance and Globalisation

Stockholm University offers a new interdisciplinary Master's programme in ecosystem management. The aim of the programme is to give students insight in problem-driven interdisciplinary environmental research. To enable a deeper understanding of complex social-ecological systems we focus on case studies.

Term 1: Four theoretical courses

In late August the first course (*Philosophy of Sustainability Science*) addresses difficulties and opportunities in interdisciplinary environmental research. In lectures and seminars participants discuss methodological and epistemological issues such as explanations, causality, systems borders, and objectivity.

This is followed by two courses in ecosystem management (*Natural Resource Management and Ecosystem Resilience*, and *Ecosystem Management: Collaboration in networks and organizations*). The first focuses on the ecosystem capacity to generate life-supporting services. How can adaptive management enhance this capacity and which constraints and opportunities are offered by globalisation? The second concerns the social capacity to develop adaptive governance including arenas for collaboration and conflict resolution. A short paper on *Resilience in linked social-ecological systems* connects these courses and gives participants an opportunity to apply concepts on a case study of their own choice.

In December the fourth course (*International Governance of Natural Resource Management*) starts with a macro-perspective on governance. The actors and social-ecological drivers of international regimes are analysed, using a few case studies that provide a historical and institutional context. Legal as well as normative perspectives are discussed.

Term 2: The Master's Thesis

During the spring term you write a Master's Thesis which gives you an opportunity to apply theories of and approaches to ecosystem management to an empirical context of your own choice. There are seminars and supervision throughout this term but you may spend some time abroad to collect empirical data. Your thesis is presented at an open seminar at the end of the term. When you have passed all these elements you will receive a Master's Degree in Natural Resource Management, Governance and Globalisation.

Entrance requirements

- A Bachelor's Degree, or the equivalent, in a discipline related to the programme from an accredited university in the country in which the degree has been awarded.
- A good command of English, documented by an internationally recognized proficiency test, such as: the American TOEFL test (the Test of English as a Foreign Language) with a final result of no less than 550 or 213 (new scale) points; the British IELTS test (the International English Language Testing Service) with an overall band of 6.0 but no individual score below 5.0; the Cambridge Certificate in Advanced English or Certificate of Proficiency; "Engelska B" at Swedish upper secondary school. For information regarding time and place for the proficiency tests in English, please contact the British or American Embassy/Consulate in your country.

Proficiency tests in English are NOT required if:

- English has been your first foreign language at upper secondary school in Germany (former FRG), Austria, Switzerland, Belgium, the Netherlands, France, Cyprus or Sweden or English has been the language of instruction throughout your upper secondary or university education.

Note: Test results must be sent directly from the test centre to the Department of Biology Education at Stockholm University, and reached us by March 1 or April 15 respectively. See also under "Documents Required" below. (TOEFL code number for Stockholm University: 0008).

Documents required

- Officially certified copies of documentation of upper secondary education (diplomas, transcripts, grade reports, etc.) stamped and signed by the issuing educational institution, or a Notary Public, in the original language.
- University transcripts sent directly from the university to the department.
- A letter of reference. If you have the possibility, you can visit us for a personal interview.
- If the documents are issued in any other language than Swedish, English, French, Spanish or German, authorised translations (officially certified) are required.
- Fax copies or emails are not accepted.

Note: The application form must be accompanied by officially certified documentation of upper secondary and university education. Applications without complete and correct documentation will not be processed

Residence permit

If/When you receive a letter of admission from Stockholm University you will also receive information about how to apply for a residence permit for studies in Sweden. One of the conditions for being granted a residence permit for studies in Sweden, is a proof of sufficient funds to cover all living expenses during your entire stay in Sweden. It can be personal funds, scholarships or proof of sponsorship. The sum required at present is approx. 7000 SEK per month, for at least ten months of the year. Stockholm University does not offer financial aid or scholarships to undergraduate students, and the Swedish Institute Scholarships are generally not granted for undergraduate studies.

Time table

March 15 Deadline for application (Foreign citizens) and April 15 Deadline for applications (Swedish citizens). All documents, including results of the English proficiency test, must reach the Department of Biology by this date.

April Evaluation of each applicant's qualifications.

May 1 Notification of admission is sent to all applicants.

Autumn semester: Late August 2005 until mid-January 2006 (including Christmas break)

Spring semester: Mid- January until June 2006

The most recent information is found at the course website:

www.ctm.su.se/ngg