



Sveriges lantbruksuniversitet
Swedish University of Agricultural Sciences

SLUkurs

Syllabus

**PFS0026 Conservation biology and management of alien species - les,
6.0 credits**

Syllabus approved

2007-06-01

Subjects

Biology

Education cycle

Third cycle

Grading scale

Pass / Failed

The requirements for attaining different grades are described in the course assessment criteria which are contained in a supplement to the course syllabus. Current information on assessment criteria shall be made available at the start of the course.

Language

English

Prior knowledge

The course is open to all PhD-students with an interest in conservation biology and fish and wildlife management. The course is limited to 10 students

Objective, including learning outcomes

The main objective with this course is to train students in comparative analysis of ecosystem management with emphasis on conservation biology and management

of alien species. Focus will be on woodland ecosystems and aquatic systems. After participating in the course the students should have gained a thorough understanding of functioning, conservation issues and management of ecosystems and natural resources in New Zealand.

Content

The course will consist of three parts all which are mandatory to gain full credit. In part I the students are assigned to reviews on topics pertaining to conservation and resource management in New Zealand. Assignments are reported individually in oral and written form and then compiled. Lectures by visiting researchers on relevant topics will be part of this section. Part II consists of a 2 weeks field visit to New Zealand. Terrestrial and aquatic ecosystems as well as field study and/or management sites will be visited under guidance from research institutions to learn about conservation and resource management in situ. Lectures by local managers and researchers are part of the section. If time and conditions permit, students will perform a minor field study as individual project. Part III, performed after returning to Sweden, consists of a written essay in which the students report on impressions and experiences as to how they relate to their own research fields and/or resource management in Sweden. Essays and reports compiled before the field trip are merged into a final report.

Requirements for examination

Written essay

Additional information

The field trip is planned for early February 2008. In the beginning of October 2007 there will be an introductory meeting for information and assignment of individual literature projects. This is followed by individual studies. Presentation of reports and preparatory lectures will take place in the beginning of November. Essays should be submitted by the end of March 2008.

Students are required to cover costs for the stay in Umeå, transport to New Zealand and food during the field trip. Please prepare a brief CV and a statement of no more than 200 words outlining your PhD research topic and why the course would be beneficial to you. This information, and any enquiries, should be sent to the course organisers by e-mail not later than 15 August, 2007.

Responsible department

Department of Wildlife, Fish, and Environmental Studies