



Sveriges lantbruksuniversitet  
Swedish University of Agricultural Sciences

# SLUkurs

## Syllabus

**PFS0079 Management and Conservation of Fish and Wildlife in Western Canada, 7.5 credits**

## Syllabus approved

2011-11-17

## Subjects

Biology/Forest Management

## 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 PhD-students in biology, ecology and social science working on the sustainable use of natural resources. The number of students is limited to 14.

## **Objective, including learning outcomes**

The main objective of this course is to train students in comparative analysis of sustainable use of natural resources with special reference to fish and wildlife in the wider sense. Focus will be on forest and aquatic ecosystems in the coastal region of British Columbia, Canada. After participating in the course, the students should understand the ecology as well as key issues related to management and conservation of fish and wildlife in the region, and be able to make comparisons with Swedish conditions.

## **Content**

The course will consist in three parts, all of which are mandatory. In Part I, the students review the literature on key topics pertaining to natural resource management and biodiversity conservation in the coastal region of British Columbia, Canada, and present their findings orally during a seminar session held in Umeå. Part II consists in a field trip of approx. 2 weeks in British Columbia, including meeting with staff and individual presentations at the University of British Columbia in Vancouver, a longer stay at Malcolm Knapp Research Forest where the students will perform minor field studies, visits of provincial parks and other key sites for conservation and management, and a stay at Bamfield Marine Sciences Centre on Vancouver Island. The field trip will start and end in Vancouver. Part III, performed after returning to Sweden, consists in writing a report presenting results from the field studies and demonstrating how these relate to the student's own research fields or natural resource management in Sweden.

## **Requirements for examination**

Participation in lectures and field trip. Oral presentation of project work. Written report from field study.

## **Additional information**

### **Schedule**

In the spring of 2012 there will be an introductory meeting for information and assignment of individual literature projects. This will be followed by individual work on the projects. Oral presentations and preparatory lecture(s) will take place in late August 2012. The field trip is planned 2 – 15 September 2012 (may be subject to minor changes). The final reports from the field studies should be submitted by the end of October 2012.

#### Additional Information

Students are required to cover costs for accommodation in Umeå, travel to Vancouver (approx. 10 000 SEK) and food during parts of the field trip. Note that there are possibilities to apply for travel grants to cover travel expenses.

#### Application procedure

Each prospective student shall present a brief CV and a statement of no more than 200 words outlining how participating in this course would benefit her/his PhD education. The applying student should also mention if she/he has participated in similar field courses in the past. This information, and any enquiries, should be sent to the course organizers (CM and JMR) by e-mail ([carin.magnhagen@slu.se](mailto:carin.magnhagen@slu.se); [Jean-Michel.Roberge@slu.se](mailto:Jean-Michel.Roberge@slu.se)) no later than 31 January 2012.

#### **Responsible department**

Department of Wildlife, Fish, and Environmental Studies