

P000130, Management and consequences of forest damage, 3.5 Hp

Syllabus

Finalized by: Finalized by: Patrick Sherwood, 2025-02-27, 2025-02-27

Level within study regulation:

Third cycle

Grading scale:

Pass / Failed

Course language:

Swedish

Entry requirements:

The course is intended for PhD students within and outside SLU and from a variety of relevant disciplines. PhD students should hold a Master's degree in forestry, plant sciences, biology, environmental sciences, or some related field.

Objectives:

This course explores the consequences of forest damage caused by abiotic and biotic factors, emphasizing the management strategies employed to address their ecological and economic impacts. After completing the course, students will be able to:

- Consider management strategies to mitigate forest damages and recognize their potential trade-offs.
- Understand the ecological and economic consequences of forest damage.

- Discuss the role of policy and economic factors in forest damage management.
- Analyze emerging threats to forest health and propose adaptive management strategies.

Content:

The course will be delivered through a combination of online lectures, journal clubs and an on-site study week. The journal clubs will involve weekly meetings and discussions of scientific literature, with each student expected to present and lead the discussion at least once. The on-site week will include lectures, group discussions, presentations, and field excursions. By the end of the course the students will have created a research project proposal on a topic of forest damage which will be submitted for evaluation.

In this course, students will learn the major consequences of forest damage, how to manage these damages sustainably, and how policy influences these management methods.

Modes of assessment:

Approved active participation in lectures, journal clubs and discussions. Approved oral presentation and approved written assignment. It is mandatory to attend the excursions and the oral presentations of the on-site studies. - If a student has failed an examination, the examiner has the right to issue supplementary assignments. This applies if it is possible and there are grounds to do so.

- The examiner can provide an adapted assessment to students entitled to study support for students with disabilities following a decision by the university. Examiners may also issue an adapted examination or provide an alternative way for the students to take the exam.
- If this syllabus is withdrawn, SLU may introduce transitional provisions for examining students admitted based on this syllabus and who have not yet passed the course.
- For the assessment of an independent project (degree project), the examiner may also allow a student to add supplemental information after the deadline for submission. Read more in the Education Planning and Administration Handbook.

Organisation:

Department of Southern Swedish Forest Research Centre

Supplementary information

Other information:

- The right to participate in teaching and/or supervision only applies for the course instance the student was admitted to and registered on.
- If there are special reasons, students are entitled to participate in components with compulsory attendance when the course is given again. Read more in the Education Planning and Administration Handbook.