

Conservation and Management of Fish and Wildlife Populations



SCIENCE AND EDUCATION **FOR**
SUSTAINABLE
LIFE



Conservation and Management of Fish and Wildlife Populations

- Combining theory and practice for sustainable management of ecosystems and populations – animals, environment, humans
- Diverse career paths in research, industry, and governmental (and NGO) roles

- Inventorying methods
- Population ecology models
- Principles of biodiversity conservation
- Social science methods



Courses and Curriculum

- Census Methods for Biodiversity (15 hp)
- Applied Population Ecology (15 hp)
- Human Dimensions of Natural Resource Management (15 hp)
- Fish and Wildlife Management (15 hp)
- Thesis (30 hp or 60 hp)

Two new courses from 2025:

- Ecosystem Restoration and Rewilding (15 hp)
- Conservation genetics (15 hp)



Tools and techniques

Theories

Societal context and
interdisciplinarity

Case studies and
scenarios

Integrating knowledge

Hand-on Learning

Engagement with industry experts and government agencies

Regular interactions with stakeholders through guest lectures, excursions, and field visits

Hands-on training and exposure to studying wildlife and ecosystem management



Research-Driven Education

Our teachers integrate their ongoing research into teaching, enriching learning experiences

- Tracking moose and salmon migrations
- Biodiversity monitoring and conservation
- Citizen science
- Restoration and rewilding
- Genetic methods for conservation
- Sustainable forestry
- One Health
- Human – wildlife conflicts





Opportunities for Internships, Theses & Exchanges

Practical experience and Global exposure-
Thesis opportunities in Sweden and abroad
(Brazil, South Africa, Zambia, etc.)



Diverse Career Pathways

- Research (e.g. PhD)
- Industry (wind and hydro power, fisheries, sustainable forestry, national and international conservation NGOs)
- Governmental roles (environmental policy, monitoring)



International Student Environment

- Diverse, globally minded group (50% international students)
- Opportunities for global exchanges



Thank you! Questions?

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Conservation and Management of Fish and Wildlife

MSc with a major in Biology

Would you like to contribute to the sustainable conservation and management of the world's fish and wildlife resources? This Master's programme will prepare you for a career in both the public and private sector.

Apply now



<https://www.slu.se/en/education/programmes-courses/masters-programmes/management-of-fish-and-wildlife-populations/>

Size:

The programme encompasses various fields, including census techniques, data collection and analysis, population ecology, and human impact, along with the design of management plans. It is highly applied, involving numerous projects that allow participants to develop practical skills essential for a career in wildlife management and conservation.