

Introduction to Postgraduate Studies

Welcome to NJ and VH faculties and your PhD education!

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SCIENCE AND
EDUCATION **FOR**
SUSTAINABLE
LIFE

PhD students shape the future

SLU TAKES ON FUNDAMENTAL ISSUES THAT AFFECT US ALL

Sustainable
cities and
rural areas



Sustainable
food supply



Animal and human
welfare



Biodiversity



Biomaterials and
bioenergy



















Clean
**water and
oceans**



SLU activities include all the 17 Sustainable Development Goals



THE RIKSDAG HAS ADOPTED 16 OBJECTIVES FOR ENVIRONMENTAL QUALITY IN SWEDEN

- | | | | |
|---|-------------------------------|---|--|
|  | Reduced Climate Impact |  | Good-Quality Groundwater |
|  | Clean Air |  | A Balanced Marine Environment,
Flourishing Coastal Areas and Archipelagos |
|  | Natural Acidification Only |  | Thriving Wetlands |
|  | A Non-Toxic Environment |  | Sustainable Forests |
|  | A Protective Ozone Layer |  | A Varied Agricultural Landscape |
|  | A Safe Radiation Environment |  | A Magnificent Mountain Landscape |
|  | Zero Eutrophication |  | A Good Built Environment |
|  | Flourishing Lakes and Streams |  | A Rich Diversity of Plant and Animal Life |

PhD goals

- ❖ Master principles and quality standards of scientific research
- ❖ Mature as academic scholar – independence, critical mind, integrity etc
- ❖ The individual study plan (ISP) – critical tool for planning and follow-ups
- ❖ Perform independent research in a specific subject generating novel knowledge
- ❖ Present your results in various forms for different stakeholders

Skills development

- ❖ Project management
- ❖ Team work
- ❖ Pedagogics
- ❖ Communication
- ❖ Keep records ("lab book") and data storage – archive regulations
- ❖ Ethics
- ❖ Flexibility - Creativity



PhD training is individual and dynamic – ISP

- ❖ **Individual Study plan (ISP)** – update, modify...
- ❖ **Supervision** – adapt supervisor group and forms to phase
- ❖ **Courses** – research schools, non SLU bodies
- ❖ **Apply for (travel) grants**
- ❖ **Pedagogic training** – courses, "learning by doing"
- ❖ **Information** – writing, popular science - science



How to get to the degree?

Be **curious, creative, communicative** and **cooperative**

Flexible - you know how it starts...

Take initiatives - Dependence → independence

Planning - PhD training is not a 24/7 activity – but there will be stressful moments – remember **recovery**.

Do not be afraid to ask for advice or discuss any matter.

Supervisors are not geniuses.



There is support on the way

Supervisor team, collaborators, colleagues

Department: director of PhD studies and head of department

Faculty: administrative officers, directors of study, postgraduate education boards (Fun)

SLU postgraduate education board (Fur)

PhD student ombudsman/commissioner

PhD-student council (“doktorandrådet”)





Thank you for choosing SLU

Enjoy ~4 years of scientific and personal development

Your research and discoveries will help to make future more **green!**

”Ups and downs” and great **FUN**

GOOD LUCK!

