



# Study at SLU

Swedish University of Agricultural Sciences

## SLU, WORLD-LEADING RESEARCH

SLU researchers have an above-average proportion of the most cited publications in their fields. Eight research teams are considered to be world-leading. SLU is also considered to be conducting research of great importance and in general to have a very good level of collaboration with the business community and society.

### The world-leading areas of research at SLU:

Plant science  
Plant protection  
Ecology and environmental sciences  
Genetics and breeding  
Forest management and products  
Chemistry, molecular biology and microbiology

## THE ONLY AGRICULTURAL UNIVERSITY IN SWEDEN

The Swedish University of Agricultural Sciences, SLU, is one of its kind in Sweden with its blend of unique educational programmes.

We welcome you to a university with old traditions and a long history of education.

The education is conducted in small groups and you are in close contact with your teachers. Education at SLU is stimulated by research, which is the essence of SLU's activities.

## COURSES IN ENGLISH 2011/2012

### CAMPUS ALNARP

#### AGRICULTURAL SCIENCE

Agroecology Basics  
Ecology of Production Systems  
Project Management and Process Facilitation  
Project based research training  
Scientific Methods, Tools and Thesis Writing

#### BIOLOGY

Advanced Plant Breeding and Genetic Resources  
Applied Crop Physiology  
Applied Plant Biotechnology  
Environmental Issues in Crop Production  
Insect Chemical Ecology  
Management of Pests, Diseases and Weeds  
Practical research training  
Principles of Crop Physiology  
Sustainable pig production

#### BUSINESS ADMINISTRATION

Horticultural Markets

#### FOREST SCIENCE

Broadleaves: Ecology, Nature Conservation, Silviculture  
National and International Forest Policy  
Planning in Sustainable Forest Management  
Sustainable Forestry in Southern Sweden

#### LANDSCAPE ARCHITECTURE

Design project - Composition and Materiality  
Design Project - Site, Concept and Theory  
Dynamic Vegetation Design  
Garden Plant Knowledge and Design  
People and Environment  
The Cultural Heritage of Landscape Architecture  
Theme course

#### LANDSCAPE PLANNING

Advanced Digital Landscape Analysis with GIS  
Digital Landscape Visualisation  
Integrated Landscape Management  
Introduction to Urban Landscape Dynamics  
Landscape in transition  
- impacts of and adaptation to climate change  
Landscape Theory in Architectural and Planning Practice  
Planning Project  
- Driving Forces and Contemporary Tendencies  
Planning Project  
- Large Scale Structures, Analysis and EIA

#### TECHNOLOGY

Work Science - Applied Work Science  
Work Science - Work, Health and Leadership

### CAMPUS UMEÅ

#### BIOLOGY

Applied Population Ecology  
Biology and Biotechnology in Forest Production Systems  
Computational Life Science  
Fish and Wildlife Census Techniques  
Fish and Wildlife Management  
Functional Plant Genomics  
Human Dimensions of Fish and Wildlife Management  
Plant Biotechnology and Molecular Breeding  
Plant Cell and Molecular Biology  
Plant Growth and Development

#### ENVIRONMENTAL SCIENCE

Database and Dataprocessing  
Environmental Monitoring  
Environmental Monitoring Analysis, Prognoses and Communication  
GIT (Geographic Information Technology)  
Sampling and Data Acquisition  
Statistical Methods for Environmental Analysis

#### FOREST SCIENCE

Conservation Biology  
Faunistics of Forest Animals  
Forest Remote Sensing  
Forest Vegetation Ecology  
GIT II (Geographical Information Technology II)  
International Silviculture  
Silviculture - Advanced Course  
Site Productivity and Production Ecology  
Sustainable Management of Boreal Forests  
Wood Raw Materials: Production, Properties and Use

#### MATHEMATICAL STATISTICS

Mathematical Statistics  
Multivariate Data Analysis  
Spatial Statistics  
Time Series Analysis

[More courses and campuses on next page >>](#)

## FURTHER INFORMATION

For information about accommodation, costs and the application process:

**WWW.SLU.SE**





CAMPUS UPPSALA
ANIMAL SCIENCE
Advanced Feed Science
Advanced Nutritional Physiology
Animal Nutrition and Health
Anthrozoology
Applied Animal Behaviour
Basic Nutrition
Behavioural Genetics
Behavioural Physiology
Biology of Lactation
Cattle Production
Comparative Nutrition
Disease Genetics
Dog and Cat Nutrition
Dogs and Cats - Genetics, Health and Reproduction
Ethological methods and experimental design
Pig Production
Protection and welfare of animals
The Biology and Use of the Horse
Toxicology, General Pathology and Pharmacology
Tropical Livestock Production
BIOLOGY
Agricultural Cropping systems
Applied insect ecology
Applied population biology
Bees, Apiculture and Pollination
Bioinformatics
Biology and production of agricultural plants
Conservation Biology
Contaminated soils – Risk Assessment and Remediation
Cryptogams and Nature Conservation
Diseases and pests of forest trees
Ecological concepts
Ecological methods
Ecology & Management of Diseases and Pests of Forest Trees
Food Microbiology
Forest environment and conservation
Gene regulation in Eukaryotic cells
Genetic diversity and plant breeding
Genetic engineering
Genetically modified organisms
Genome Analysis
Industrial Microbiology
Insect biology and diversity
Introduction to Masters study
Landscape ecology
Methods in Protein Chemistry
Microbial Ecology
Molecular Ecology and Evolution
Plant pathology
Plant physiology
Plant-microbe interactions
Plants and fungi: species knowledge and nature conservation
Production and Utilization of Forage
Protein Technology
Safe Nutrient Recycling
Soil Biology
Veterinary infection biology, parasitology and mycology
Virology
Viticulture
BUSINESS ADMINISTRATION
Cooperatives and Other Agri-Food Systems
Environmental and Social Responsibility Marketing Management
Environmental Risk Management and Assessment Ethics
Financial Accounting
Production Economics
Quantitative Finance - Theory and Applications
Strategic Management

CHEMISTRY
Natural Products Chemistry
ECONOMICS
Advanced Natural Resource and Environmental Economics
Agricultural Policy and International Trade
Analytical Methods
Applied Demand and Supply Analysis
Applied Econometrics
Cost Benefit Analysis of Agricultural and Environmental Projects
Econometrics
Environmental Policy
International Food System Analysis
Macroeconomic Theory
Microeconomic Theory
Natural Resource and Environmental Economics
Policy Evaluation
Probability Theory and Statistical Inference
Quantitative Methods in Economics
Sustainable Development
Time Series Analysis
Topics in microeconomics
ENVIRONMENTAL SCIENCE
Applied Environmental Assessment
Communication Strategy
Communicative Theories
Ecotoxicology
Environmental Impact Assessment - Survey course
Environmental Impact Assessment, Advanced course
Facilitation in Project and Conflict Management
Interdisciplinary Practice
Introduction to Environmental Communication - Society, social interaction and communicative skills
Introduction to Interdisciplinary Science
Man, Society and the Environment
Risk assessment of pollutants in soils and waters
Sustainable Development and Environmental Policy
Systems thinking and social learning in natural resource management
FOOD SCIENCE
Animal Food Science
Dairy Science
Food Chemistry
Meat Science
Plant Food Science
FOREST MANAGEMENT
Forest Management
Forest Policy
Forest Production for Multipurpose use
Sustainable Forestry and Certification in an International Perspective
LANDSCAPE PLANNING, LANDSCAPE ARCHITECTURE
Planning for Sustainability - Theories
Landscape Project Studio – advanced course
MATHEMATICAL STATISTICS
Analysis of categorical data
Statistics for Biologists I
Statistics for Biologists II
RURAL DEVELOPMENT
International Rural Development I
International Rural Development II
Rurality, Livelihood and Gender
Sustainable natural resource management
The Practice and Theory of Rural Development
The Process of Research: Methods, Data Analysis and Scientific Writing
The Process of Research: Theories and Methods
Landscape Project Studio – advanced course

SOIL SCIENCE
Biogeochemistry - element cycles and climate change
Soil and Water Chemistry
Soils of the World
Water and solute transport in the soil-plant-system
Water management, soil conservation and land evaluation
Watershed management with focus on eutrophication
TECHNIQUE
Geographic Analysis (using GIS and other tools) II
Geographical Information Systems II
TECHNOLOGY
Appropriate Technologies for Developing Countries
Bioenergy - Technology and Systems
Biological Waste Recycling
Systems analysis for sustainable development

OTHER CAMPUSES, SUMMER COURSES AND INTERNETBASED COURSES:
GRIMSÖ
Wildlife Biology   <a href="#">Biology</a>
SKINNSKATTEBERG
Trade and Marketing of Wood Products – International Course   <a href="#">Forest Science</a>
European Bioenergy Markets   <a href="#">Forest Science</a>
Infrastructures for sustainable forest landscape management   <a href="#">Forest Science</a>
INTERNET
Food in Europe   <a href="#">Biology</a>
General Introduction to Food Science   <a href="#">Food Science</a>
Life Cycle Assessment (LCA) of Foods   <a href="#">Food Science</a>
Product Development   <a href="#">Food Science</a>
Management of Innovation   <a href="#">Business Administration</a>
General Introduction to Business Administration   <a href="#">Business Administration</a>
Management of Innovation   <a href="#">Business Administration</a>
Sensory Analysis   <a href="#">Food Science</a>
Ecology of Farming and Food Systems   <a href="#">Agricultural Science</a>
Management of Technology   <a href="#">Business Administration</a>
Management of Innovation   <a href="#">Business Administration</a>
Applied Business Management and Product Development   <a href="#">Food Science</a>
SUMMER COURSES
Fire Management I   <a href="#">Forest Science in Umeå</a>
Fire Management II   <a href="#">Forest Science in Umeå</a>
Sustainable use of Natural Resources in the USA, International Course   <a href="#">Environmental Science in Uppsala</a>

Find out more:

[www.slu.se](http://www.slu.se)

[www.slu.se/student-blogs](http://www.slu.se/student-blogs)

[www.facebook.com/slu.sweden](https://www.facebook.com/slu.sweden)

[www.twitter.com/\\_slu](https://www.twitter.com/_slu)



Swedish University of Agricultural Sciences