



SCIENCE AND EDUCATION
FOR SUSTAINABLE LIFE

INTERNATIONAL STUDIES | 20-21

SWEDISH UNIVERSITY OF
AGRICULTURAL SCIENCES



***“WE WORK WITH SUSTAINABLE
RURAL AND URBAN DEVELOPMENT,
AND FOR THE WELL-BEING AND
QUALITY OF LIFE FOR BOTH
HUMANS AND ANIMALS”***

KARIN HOLMGREN
DEPUTY VICE-CHANCELLOR AT SLU

DEAR FUTURE STUDENT

Right now, you are holding a very important catalogue in your hands. I hope that you will study it carefully and that you will find something that piques your interest. Because if you choose to study at SLU, you also choose a sustainable future.

SLU graduates are needed both in Sweden and the rest of the world in order to handle the transition from a fossil-based to a bio-based and sustainable society. More and more services will need to be delivered from our fields and forests when we, in order to protect both the climate and the environment, leave fossil oil and coal in the ground. We will need to rely on nature, our forests, farmlands, gardens and pastures, and our cities, when we produce climate-smart and non-toxic food, energy and bio-based materials that can replace fossil-based products. At the same time, we must safeguard biodiversity and offer humans and animals a healthy life. And all of this within the environmental, social and economic limits of our planet.

At SLU, we research and teach exactly this. We take on these challenges, and we find real solutions. We work with sustainable rural and urban development, and for the well-being and quality of life of both humans and animals. We act locally as well as globally for a sustainable, thriving and better world.

To do this, SLU needs its present and future students. During your time as a student here, I can promise you a stimulating study environment with students and teachers from all over the world. Finding a job after graduation will not be difficult – the land-based industries, environmental and nature conservation businesses, city developers and animal clinics need you. I look forward to receiving your application!



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TOP OF THE CROPS

2019 QS World University Rankings. We are ranked 3rd best university in the world in the fields of Agriculture and Forestry.

Center for World University Ranking (CWUR)

Rank by subject 2017:

- 1. Forestry**
- 5. Soil Science**
- 7. Biodiversity**
- 7. Veterinary Sciences**

In **Times Higher Education (THE) 2018** we are ranked as **36th** young university of the world.

IMPACT AND INFLUENCE

We have built our reputation by providing professional, quality education, applying the highest academic standards and conducting research that makes a real difference.

4 FACULTIES:

- FOREST SCIENCES
- NATURAL RESOURCES AND AGRICULTURAL SCIENCES
- VETERINARY MEDICINE AND ANIMAL SCIENCE
- LANDSCAPE ARCHITECTURE, HORTICULTURE AND CROP PRODUCTION SCIENCE



560 PHD STUDENTS

3,700 STUDENTS

200 PROFESSORS

900 TEACHERS
AND RESEARCHERS

2,800 FULL-TIME
EQUIVALENT STAFF

ALUMNA OF THE YEAR

ELIN OLOFSSON

Woman, forester, creator of #slutavverkat and Alumna of the Year, that's me - Elin Olofsson. Being awarded Alumna of the Year at SLU is amazing! This award is a recognition of the hard work that I, and everyone else behind #slutavverkat, have put in to succeed in changing norms within the forestry sector.

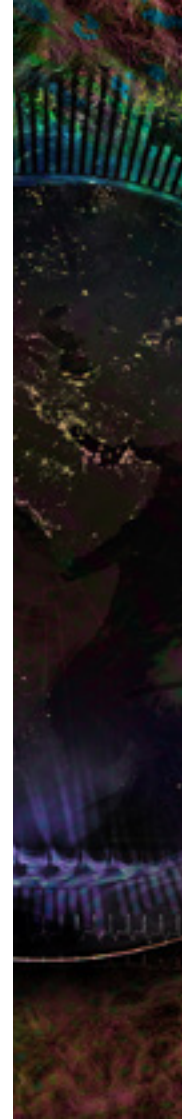
In the autumn of 2017, something happened that would change my future. It is a time that many of us will remember as a turning point in the work for the equal value of all. The Metoo movement hit the world with full force. A number of follow-up campaigns were launched in various business and industry sectors here in Sweden, but the forestry sector remained silent.

Those of us who had studied forestry at university and were working in forestry found this odd. This is a very male-dominated business, characterised by long-standing traditions that often collide heads on with the gender equality work that is taking place today. There were three of us who decided to launch #slutavverkat.

We opened an anonymous Instagram account where we posted all the stories we received. 16 students on the Forest Science programme had started talking, and they were wondering why issues relating to gender equality and the equal value of all were rarely touched upon in teaching or within the sector. They decided to write an open letter, which led to SLU today working actively with gender equality on its programmes.

The purpose of #slutavverkat was to change norms within the forestry sector. It is about making it possible for women to dare and be able to take up space, be themselves and be accepted for who they are in the same way as men. The fact that those behind #slutavverkat have received this award shows how important this issue is. There is a change happening, a change is needed, the will to change is there and together, we are strong enough to succeed. Today, the forestry sector is on the verge of a massive change when it comes to gender equality and equal opportunities, and that feels great!

/Elin







**“WE ARE THE FIRST GENERATION THAT CAN END POVERTY AND
THE LAST THAT CAN END CLIMATE CHANGE”**

Ban Ki-Moon, former Secretary-General of the UN

THE GLOBAL GOALS

FOR SUSTAINABLE DEVELOPMENT

SLU's knowledge is instrumental to Agenda 2030 and the UN sustainable development goals (SDGs).

Is your goal to work for sustainable bio-based development in the coming decades? Then studying at SLU is right for you! For sustainable food production, to replace plastic, concrete and fossil energy and for urban and rural development adapted to a changing climate.

The 17 cross-societal SDGs have been adopted by 193 countries. The goals are to be met by all countries by 2030. In many evaluations, Sweden is reported as the country that has accomplished the most of this agenda. In an early progress report to the UN, the Swedish Government points at SLU for world-class research needed to realise the SDGs.

SLU's research and teaching focus on 12 of the 17 goals and deal with development both in Sweden and globally. More than 20% of publications at SLU are joint works with low- and middle-income countries.

As the former Secretary-General of the UN, Ban Ki-Moon, said: "We are the first generation that can end poverty and the last that can end climate change".

ACADEMIC EXCELLENCE

SLU's teaching staff crave academic excellence, and are focused on producing a highly employable student body. Communication skills, the ability to work in a team and solve problems, an awareness of the commercial landscape and work experience are just some of the qualities that make SLU graduates employable. To strengthen your ability to build a career in an increasingly competitive job market, as a student at SLU you are encouraged to learn through experience. You study real-life situations, take a hands-on approach to problem solving, and make valuable contact with the business sector.

The academic staff at SLU use a range of teaching styles and resources to educate and inspire their students. Lectures, tutorials, laboratory work, field work, group projects and independent study are just some of the teaching methods used here. Assessment procedures also vary depending on the course, and can include written assignments and examinations, individual and group projects, laboratory reports and oral presentations.

Here at SLU, we are committed to developing the internationalisation aspect of our syllabus, network and student experience.

Global perspectives have been integrated into the design, development and presentation of all programmes and courses. Every year, we welcome students from all over the world and by offering students the chance to make important international connections, we are increasing our global employability.

FOR A BRIGHTER FUTURE

SLU has four interdisciplinary platforms that integrate different scientific fields: Future Forests, Future Food, Future Animal Health and Welfare, and Urban Future. These platforms are intended to be a living, interactive interface between academy and society, and aims to:

- identify needs for knowledge and generate scientifically based decision support for issues relevant to society;
- identify and develop new questions for research to support solutions to future challenges;
- develop interdisciplinary working methods by coordinating cooperation across disciplinary boundaries.

Using this approach to tackle complex scientific issues is something that makes the Future platforms unique.



Chuanxin Sun, Associate Professor in Molecular Cell Biology, has presented a rice variety that emits 90 percent less methane.

WHAT IS IT LIKE IN SWEDEN?



Photo: Nrgeni/iStock

When most people think of Sweden, they think of little red cottages in open meadows. While this is a familiar sight, the Swedish landscape is very diverse. Sweden is the third largest country in Western Europe, and stretches 1,500 km from north to south. With an average of only 20 inhabitants per square kilometre, Sweden has plenty of space. Snow-covered mountains, sandy beaches, pristine lakes and dense green forests make for dramatic scenery. In fact, forests cover approximately 67% of the land area in Sweden. Nature is close everywhere, even those who live in Sweden's largest cities are just a short boat ride away from thousands of picturesque islands that make up the Swedish archipelago. Sweden also has a rich and varied wildlife, which includes reindeers, bears, wolves and moose!



Photo: Ted Logart/imagebank.sweden.se

CLIMATE

The Swedish climate is seasonal and varies greatly between north and south. Most people associate Sweden with winter. However, the climate is generally temperate due to the warm Gulf Stream. During the summer, Sweden becomes the land of the midnight sun. Autumn brings with it an array of colours, and in springtime the countryside bursts into bloom. The winter months can be cold and dark. However, many Swedes have the attitude that "there is no such thing as bad weather, only the wrong clothes".



Photo: Sanna Dolick

SOCIETY

Sweden is known for its social equity and economic success, and has one of the lowest levels of poverty in the world. The Swedes enjoy an advanced welfare system, a low ratio of unemployment and a strong economy. For Swedish citizens, education is free, healthcare is cheap, and childcare is available to everyone. While people pay high taxes to maintain the sophisticated social system, the Swedish standard of living and life expectancy are amongst the highest in the world.



Photo: Stefan Berg /imagebank.sweden.se

LIFESTYLE

The Swedish lifestyle combines a love of nature, environmental awareness and culture. Deep-rooted traditions are mixed with tolerance and openness for other societies, as almost 17 percent of the population was born outside of Sweden. Cultural celebrations such as Midsummer and Lucia are celebrated as enthusiastically today as in previous generations.



SWEDISH INNOVATION

With a government that invests heavily in research and development, Sweden has become one of the world's most innovative nations. The Celsius scale, cardiac pacemaker, seatbelt, zipper, tetra pac, wrench, artificial kidney, matches, dynamite, nicotine gum and ball bearings are just a few of the many popular Swedish inventions.

Swedish brands such as Ikea, H&M, Volvo, Ericsson, Skype and Spotify have also made a name for themselves internationally. Sweden is also home to the prestigious Nobel Prize, which honours men and women around the world for outstanding achievements in physics, chemistry, medicine and literature. The famous Swedish chemist and engineer Alfred Nobel founded the Nobel Prize in 1901.

SWEDEN IN FACTS AND FIGURES

Capital: Stockholm

Official language: Swedish

Population: 10 million

Area: 449,964 km²

Life expectancy: Men 80 years, women 84 years

Foreign-born inhabitants: 17 percent

Religion: The Church of Sweden is Evangelical Lutheran. There are also many other religions and denominations.

Government: Constitutional monarchy, with parliamentary democracy

National day: 6 June

Currency: Swedish Krona (SEK)

Traffic: Drive on the right-hand side

Education: Nine years compulsory schooling. Over 30 percent go on to higher education.

Working hours: A standard working week is 40 hours. Minimum paid vacation is five weeks per year.

Calling code: +46

Further information: www.sweden.se



Photo: Anna Hållams/imagebank.sweden.se



Photo: Henrik Trygg/imagebank.sweden.se



Photo: Elin Bryngelsson/imagebank.sweden.se

OUR CAMPUSES



1: Campus Alnarp

Surrounded by a 40-hectare park with lush green lawns and winding pathways, Campus Alnarp, situated west of Lund, north of Malmö and east of Copenhagen, is remarkably picturesque. It boasts the largest arboretum in Sweden, with 2,600 varieties of trees and shrubs. The Assortment Garden provides a wealth of inspiration and ideas for gardeners, containing 800 annuals, 450 perennials, and a large assortment of herbs, dahlias and ornamental grass. The campus grounds also accommodate a landscape laboratory, gardening laboratory, rehabilitation garden and exciting architecture.

2: Campus Umeå

In Umeå, SLU and Umeå University share the same campus, with a total student population of more than 30,000. SLU's Faculty of Forest Sciences is based in Umeå, with 500 students and 350 employees over five departments. The Faculty of Forest Sciences offers courses in forestry, environment and natural resources, wildlife, fish and aquaculture, technology and economics. Each course is a mixture of theory, fieldwork and laboratory work. At SLU's campus in Umeå, students work in close contact with their teachers and academic staff. The winter in Umeå brings lots of snow, and with it, more than 400 km of cross-country ski trails. World-class skiing areas are easily accessed within a four-hour drive to the mountain range dividing Sweden and Norway. Here you can stay at first-rate resorts and go hiking, downhill skiing and mountainbike riding.

3: Campus Uppsala

Uppsala is Sweden's fourth largest city, and the hub of SLU's educational activities. Located just outside of the city centre, SLU's Campus Uppsala is spacious, leafy and picturesque. It is a fitting setting for Sweden's only agricultural university, and possibly the most research-intensive of all universities. With two universities located in Uppsala, students can enjoy a lively, dynamic and stimulating atmosphere. Uppsala has 255,000 inhabitants, of which 45,000 are students. Stockholm, Sweden's capital, is just a thirty-minute trip by train. Uppsala's central location and close proximity to Arlanda airport make it a gateway to the rest of Sweden and the world.

4: Skara

Animal science and rural development

5: Skinnskatteberg

Forest science

6: Flyinge, 7: Wången, 8: Strömsholm

National Equestrian Centres

***“I HAVE ALWAYS WANTED
TO STUDY ABROAD AND
EMBRACE OTHER CULTURES”***

DIDIER MUYIRAMYE

MASTER STUDENT IN RURAL DEVELOPMENT
AND NATURAL RESOURCE MANAGEMENT



FINDING KNOWLEDGE ABROAD

I had read a lot about sustainability issues and thought Sweden was doing well at reaching the SDGs. I felt that if I studied in Sweden, I would become more knowledgeable on sustainability issues. Discussions around the world about the future are more and more connected to climate change and environmental protection. That is also why I like this programme – it combines rural development with natural resource management. In my country, the population growth is dense, which leads to a lot of pressure on natural resources.

I have a Bachelor's degree in agricultural economics and agribusiness from the National University of Rwanda. The Master's programme matches well with my previous educational background and my previous work experience; I worked in the agricultural sector where I had a lot of contact with farmers – when I saw this programme, I was interested in applying. SLU arranged accommodation for us, sponsored by the Swedish Institute's international scholarship. I think it would have been hard to find accommodation on my own.

SLU has outstanding facilities! The classrooms are very modern. I like that there is so much nature all around the university; everything is green and the place is bike-friendly. The

teachers are of a high calibre and have diverse expertise and knowledge, having done research all over the world. We learn a lot from their expertise. I like the way they value the students' suggestions. The classes are a very participative environment, and you can always share an idea, even if it challenges the teacher.

Another thing I like is how the teachers are connected with the research that they have been doing in all parts of the world, and they give us all that knowledge. For every course we take, we are given a historical background of everything, depending on what you are studying. This helps us understand the causes and relations of a problem.

I have always wanted to study abroad and embrace other cultures, and in such an international class, I have experienced a multi-cultural study environment. Learning from the experiences of students from other countries helps me contribute to the development of my country while also allowing me to network. When I receive my Masters' degree, I hope to return to Rwanda and help the country stand by itself and reduce its development aid.

MASTER'S PROGRAMMES

APPLICATION DEADLINE: 15 JANUARY 2020

The Master's programmes offered by SLU are unique and based on our strength and profile areas; bio-based economy, environment, health and well-being. The combination of teaching and research provides students with countless opportunities for interesting, in-depth studies and specialisations.

SLU is one of Sweden's most research-intensive universities, and is responsible for almost one third of all biological research in Sweden. By attending SLU as a Master's student, you have the opportunity to broaden your academic achievements, deepen your knowledge of a particular subject, develop independent research skills, strengthen your employment prospects, increase your future market value, and prepare for further doctoral studies.

ERASMUS MUNDUS MASTER'S STUDIES

Erasmus Mundus is a cooperative mobility programme that aims to improve the quality of higher education in Europe, promote the European Union as an international centre for academic excellence, and stimulate intercultural understanding through cooperation with low-income countries.

In collaboration with the European Commission and several other leading universities, SLU is able to offer students Erasmus Mundus Master's programmes.

COOPERATIVE MASTER'S

SLU also offers cooperative Master's programmes together with other Swedish and European universities, opening up a wide range of courses and scientific areas that complement SLU's own.



AGRICULTURAL ECONOMICS AND MANAGEMENT

This programme is intended for those who want to work as economists with a focus on agricultural or agribusiness policy issues. It will prepare students for employment in the agricultural economics industry, with both national and international organisations, corporations and authorities, or as doctoral students. Building on your Bachelor's degree in either economics or management, you will have the opportunity to further develop your academic knowledge and its application to the agricultural sector. You will study topics like production economics, marketing, microeconomics and international trade, supply chains and food systems. *Campus Uppsala*

AGRICULTURAL FOOD AND ENVIRONMENTAL POLICY ANALYSIS

As a student on this programme you will learn to analyse and design policies targeted at the agricultural and food sectors, as well as the rural environment. By the end of this programme, you will be able to better understand and anticipate the various socio-economic and environmental effects of such policies, and will find employment in international, national, and regional agencies, non-governmental organisations, consultancy firms, professional organisations and private companies. This programme is a cooperation between five European universities. *Campus Uppsala*

AGROECOLOGY

The Agroecology Master's programme uses a theoretical and methodological base for the agroecological and interdisciplinary analysis needed to contribute to the sustainable development of livelihoods based on local renewable resources. This programme emphasises the relationship between biological resources and human societies, and has an international focus. Students are encouraged to learn through experience, and the complexity of realistic, everyday situations is the starting point for study activities. Real-life case material is used and enables students to test and practise their acquired knowledge and skills. *Campus Alnarp*

ANIMAL SCIENCE

This programme focuses on the biology, function and well-being of domestic animals. It aims to give students a deepened scientific knowledge in the discipline of animal science and train their skills in identification, analysis and problem-solving concerning the needs of animals and society. Within the programme, you may profile your degree towards for example animal welfare, animal nutrition, animal genetics or other areas. As an animal scientist, you can work with research, consultancy, evaluation or product development, as well as teaching, communication, journalism and development. *Campus Uppsala*



ENVEURO – ENVIRONMENTAL SCIENCE IN EUROPE

The EnvEuro Master's programme in Environmental Science is a two-year study programme that focuses on the relationships between natural resource uses in Europe and their effects on environment and health. It aims at providing analytical and management tools as well as environmental technologies for sustainable production systems in areas with high pressure on natural resources. The programme is a cooperation between four European universities: Swedish University of Agricultural Sciences (Sweden), University of Copenhagen (Denmark), University of Hohenheim (Germany), and the University of Natural Resources and Life Sciences Vienna (Austria). *Campus Uppsala*
For more information: **www.enveuro.eu**

ENVIRONMENTAL COMMUNICATION AND MANAGEMENT

Communication plays an important role in the sustainable management of natural resources and environmental issues. As a student on this programme, you will learn how to understand communication processes, create communicative strategies, organise collective action and mediate in environmental conflicts. Graduates will have the opportunity to work for private companies, consultancy firms, and governmental and non-governmental organisations in Sweden and around the world. *Campus Uppsala*

ENVIRONMENTAL ECONOMICS AND MANAGEMENT

There is a growing awareness of the responsibilities in our use and management of our natural environment. This programme is intended for those with a desire to work as an economist with a focus on environmental and natural resource issues. Students will be qualified to work in the environmental economics industry, with both national and international organisations, corporations and authorities, or as doctoral students. As a student, you will study environmental marketing, quantitative finance and strategic management, environmental economics, sustainable development and environmental policies. *Campus Uppsala*

EUROFORESTER

This Master's programme is designed for international students and begins with a one-year course package focusing on aspects of sustainable forestry. With SLU's Campus Alnarp in southern Sweden as a base, this programme offers field studies and study tours in Sweden and to other countries in the region. During the second year, you will work on your Master's thesis and attend suitable elective courses. In many cases, the Master's thesis is conducted in cooperation with faculties and supervisors from more than one country. *Campus Alnarp*

FOREST ECOLOGY AND SUSTAINABLE MANAGEMENT

Forests worldwide provide indispensable raw materials and services, are home to many organisms, and play a key role in global carbon and nutrient cycles. At the same time, they are increasingly impacted by intensified land-use activities and interacting global change factors. The programme targets students who aim for a professional career in applied forest ecology, silviculture and forest resource management. It offers in-depth understanding of forest ecosystem properties and processes and how they interact with human activities to affect the provision of ecosystem services. It provides a wide coverage of topics relevant to the functioning of forest ecosystems: vegetation ecology, soil and freshwater science, abiotic and biotic drivers and controls of woodland and stand development. Historical forest utilisation and paleoecology are included to support student understanding of contemporary forest ecosystem conditions. *Campus Umeå*



HORTICULTURAL SCIENCE

This programme has an overall view of sustainable horticultural production in ecological, economic and social contexts. Horticultural products, such as fruits, berries, vegetables and ornamental plants, are important for human consumption, as raw materials for technical products, for indoor and outdoor design in green environments and in other applications like ecosystem services. Courses within the programme combine biology, technology and economics with the aim to prepare students to identify and solve relevant and complex problems of future challenges connected to horticulture. Throughout the programme, horticultural products are explored from a wide range of applications locally and globally, ranging from more traditional areas to more novel and innovative, such as functional foods, bio-based material and bioenergy. *Campus Alnarp*

LANDSCAPE ARCHITECTURE

This programme provides students with in-depth studies in the field of landscape architecture through a combination of practical training and relevant theoretical input. Subject areas include open space design, urban landscape planning, planning for climate change, vegetation design and landscape as heritage. As a student, you are able to combine courses to form your own unique profile. Students will develop a deeper understanding of the relationship between humans and the environment, and the processes of spatial change in modern society. By the end

of this programme, students will have the necessary knowledge and skills for a professional career in the landscape architecture industry. *Campus Alnarp*

LANDSCAPE ARCHITECTURE FOR SUSTAINABLE URBANISATION

The ongoing urbanisation poses major challenges for the development of urban-rural landscapes. In this programme, you will work with our living spaces and how they are planned, designed and managed for future generations. A programme for those who are interested in urban-rural perspectives, who are problem-solving-oriented and who want to deepen their knowledge of and skills related to more large-scale developments. Contents are history of landscape architecture, theory, methodology, urban ecology and interdisciplinary studio courses. You train your analytical and creative ability in real-life landscape projects and you have the opportunity to learn GIS and geographic analysis. You develop previously acquired knowledge in digital visual presentation tools. You can combine your studies with courses in other programmes at SLU, for example the Landscape Architecture – Master's programme in Alnarp. *Campus Uppsala*



MANAGEMENT OF FISH AND WILDLIFE POPULATIONS

What is the importance of fish and wildlife to society? How can we manage fish and wildlife populations in a sustainable way? By covering scientific theory and practical methods, this programme provides students with an in-depth knowledge of the ecology, management and conservation of fish and wildlife, as well as relevant laws and conventions at international level. The first year of the programme is comprised of four coordinated courses, and the second year includes electives and a written thesis. *Campus Umeå*

OUTDOOR ENVIRONMENTS FOR HEALTH AND WELL-BEING

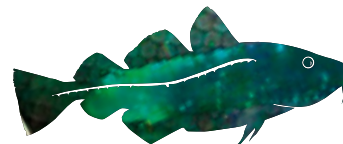
The quality of the outdoor environments in people's every-day lives has implications for their health and well-being. This programme is designed for students who are particularly interested in the health-promoting role of outdoor stay and who want to develop places and programmes that provide opportunities to interact with plants, animals and other elements of nature. Drawing on research and practice from environmental psychology, students will be prepared to implement change at local level, including adaptations for specific user groups, as well as work with green open spaces at a strategic level for the benefit of the public at large. *Campus Alnarp*

PLANT BIOLOGY FOR SUSTAINABLE PRODUCTION

Plant products are of great importance, not only as food and animal feed but as building materials, fibres and pharmaceutical drugs. This means that knowledge about how plants work, their genetics and interaction with the environment is essential for durable plant production and sustainable development. The programme is intended for students who wish to deepen their knowledge in plant biology. *Campus Uppsala, Alnarp and Umeå*

RURAL DEVELOPMENT AND NATURAL RESOURCE MANAGEMENT

As a student on this programme, you will gain knowledge and skills from a variety of subjects connected to rural development and natural resource management, with a theoretical base from social sciences, to create adequate ways of approaching rural problems in context. Understanding and handling complex and multi-layered realities require multidisciplinary analyses and innovative solutions. The subject areas emphasised include rural livelihoods and gender, governance and sustainable management of natural resources, social theory and research methods. Major career prospects include governmental and non-governmental organisations, academia and consultancy. *Campus Uppsala*



SOIL, WATER AND ENVIRONMENT

This programme provides students with a comprehensive understanding of how soil and water processes interact from a landscape point of view. We focus on the different pathways for water, nutrients and other elements through soil and plants to the atmosphere, or through soil to ground and surface waters. As a student, you will be trained to evaluate the impact of land use on soil and water quality, to make environmental assessments and to design sustainable management strategies in terms of national and international environmental objectives.

Campus Uppsala

SUSTAINABLE DEVELOPMENT

SLU offers this interdisciplinary Master's programme together with Uppsala University to meet the increasing environmental demands from the job market and government authorities. As a student on this programme, you will gain a deeper understanding of the issues that concern sustainable development from most perspectives, from the basic economic to the extremely concrete aspects, such as how sufficient drinking water can be made available to everyone on our planet. It will prepare you to take on responsible and challenging duties in the workplace, or pursue an academic career involving doctoral studies. *Campus Uppsala*

SUSTAINABLE FOOD SYSTEMS

Sustainable Food Systems is an interdisciplinary Master's programme which focuses on sustainable development applied to the entire life cycle of food, including primary production, processing, distribution and consumption. Through this programme you will learn how to identify, develop and assess innovative products, processes and concepts. You will work with real cases in cooperation with companies and organisations in the food sector. Students and tutors are from different backgrounds in social or natural science and with a common interest in a transition towards more sustainable production and consumption of food. This is a programme for those dedicated to working with innovative solutions and development of the future food system. *Campus Uppsala, also partly available from Campus Alnarp.*

SUSTAINABLE URBAN MANAGEMENT

The aim of this programme is to use the latest research, theory and global perspectives to highlight the key issues surrounding sustainable urbanism. It will provide students with the knowledge and skills needed for leading and managing urban development processes. With a multidisciplinary approach and structure, the programme will provide students with a strong foundation and enable them to work professionally with issues of urban sustainability. **This programme is taught in Swedish** in cooperation with Malmö University. *Campus Alnarp*



*Batmagnai Enkhbaatar,
Former Erasmus Mundus student
in Animal Breeding and Genetics*

A FOUNDATION FOR EXPERT KNOWLEDGE:

ENVIRONMENTAL MONITORING AND ASSESSMENT

The issues raised by SLU's environmental monitoring and assessment provide an excellent foundation for teaching activities. As an SLU graduate, you will gain an acute awareness of environmental matters and expert knowledge, enabling you to build a career in public administration, schools, the commerce industry, and in higher education.



FREESTANDING / EXCHANGE COURSES

APPLICATION DEADLINE: FOR MORE INFORMATION SEE WWW.SLU.SE/EN

FREESTANDING COURSES

If you are interested in studying, but do not wish to commit to an entire programme, EU/EEA/Swiss citizens have the option of applying for freestanding courses. Enrolling in a freestanding course will allow you more flexibility in your studies. You can pursue your professional or personal interests and see whether university studies suit your particular needs before committing to doing a degree.

It may also allow you to study at more than one university simultaneously. In some cases, credits from freestanding courses can be put together towards a degree as well. At SLU, you can find some freestanding courses at Bachelor's level, several more at Master's level and within most of the university's subject areas.

EXCHANGE COURSES

SLU runs a large number of exchange programmes in cooperation with many leading universities around the world, and receives around 400 exchange students each year. By attending SLU as part of an exchange programme, you can combine your studies with an incredible cultural experience.

SLU's exchange programmes also enable international students to complete one or two semesters of study in Sweden while simultaneously gaining credits towards their degree. Your time abroad will also allow you to grow as a person, experience a different educational and cultural environment and increase your global employability.

As an exchange student at SLU, you can choose from a wide variety of interesting and innovative courses that will complement your studies within subjects such as landscape architecture, sustainable development, natural resources, agriculture, food and animal science.

***“I REALLY FELT LIKE A FULL
MEMBER OF THE DEPARTMENT
EVEN THOUGH I WAS JUST
A STUDENT”***

SABRINA DRESSEL
DOCTORAL STUDENT



A HIGHER LEVEL OF KNOWLEDGE

As a doctoral student at SLU in Umeå, I am working within a project called *Governance – Human responses to multi-species management*. My part in the project is to look at the governance of wildlife here in Sweden and how wildlife, especially moose, interact with society and nature. I conduct surveys with landowners and hunters to understand how they perceive the management system today. The data we collect will hopefully give us valuable results to improve the system in the future.

I started writing my doctoral thesis one and a half years ago, but I first came to SLU long before that, around three years ago. It all started with an internship to collect data for my Master's dissertation. Then I was hired as a research assistant and teaching assistant and finally I got employed as a doctoral student. Since I have always been a person who's fond of nature and wildlife, I had this dream picture of Sweden: endless nature, wildlife and red cottages here and there. When I started to plan my Master's dissertation, I applied for an Erasmus scholarship to come to Sweden and got it!

When I first arrived in Umeå, I was amazed by how much land the forests covered here compared to Germany – from the airplane, everything looked so green! There are many inter-

national students in Umeå and it was easy to get to know and talk to people. Everyone was very welcoming and I really like the open door-mentality here at SLU. It's not like in other countries, where there is a huge gap in the hierarchy between teachers and students. I really felt like a full member of the department even though I was just a student. I think that is one of the main reasons why I stayed – that, and the good conditions. As a doctoral student, I will receive a salary for four years while I write my thesis. It is a luxury compared to many other countries.

In the future, when I'm done with my PhD, I would like to stay in Sweden; maybe do a postdoc at another Swedish university and then come back to SLU and Umeå. I really like the fact that I can be in nature as much as I want. I enjoy the different seasons up here in the north and love them all, and seeing the northern lights during a cold winter night is something you will never forget.

My advice, if you are thinking about applying to study at SLU is to do it, give it a try! It is a very friendly atmosphere and I enjoy it every day. There is a lot of freedom to do your own research and SLU has very useful connections with other universities. I don't regret my decision for a moment!

BY STUDENTS, FOR STUDENTS

There are a total of seven student unions at SLU's different campuses. Which one you belong to depends on what you are studying. The unions are founded by students, are run by students and are there for the students.

In addition to influencing and improving education, monitoring students' rights, arranging lectures and other events, the unions make sure that you and other students can enjoy a rich free time. The unions have a number of associations and committees. Amateur comedy theatre, "fika" evenings, sports associations, hunting clubs, environmental committees, dinners and choirs are only some of the activities on offer. Nothing is impossible, the members decide what activities their union should engage in.

The SLU campuses are located in university towns with a vibrant student life, not least at the nationer, student clubs that arrange a number of activities. You can go clubbing, see friends, take in a concert, enjoy a Swedish "fika" or join one of the many associations – there are Pride associations, theatre groups, choirs and sports associations to mention a few. Here, you will make new friends and really get to know Swedish student life.





ADMISSION REQUIREMENTS

FOR MASTER'S STUDIES

For admission to Master's programmes and courses, applicants must have been awarded a Bachelor's degree from an internationally recognised university. Each programme and course has more specific entry requirements that you must also fulfil. SLU requires that you have a good knowledge of written and spoken English. You can demonstrate that you meet the English language requirement through certain upper secondary (high school) studies, certain university studies, or an internationally approved English test such TOEFL or IELTS.

FOR EXCHANGE STUDIES

If you are interested in attending SLU as an exchange student, you are first advised to contact the International Office at your home university. To be admitted as an exchange student, your home university must have a current exchange agreement with SLU. You must also meet the prerequisites of the courses you plan to enrol in at SLU, and satisfy our English language requirements.

FOR DOCTORAL STUDIES

To be eligible for doctoral studies, applicants must have completed a Master's degree, or have completed courses equivalent to 240 higher education credits (HEC), including 60 HEC at Master's level. The English language entry requirement is the equivalent of English studies at upper secondary (high school) in Sweden, called English Course B/English 6. A written application, curriculum vitae, academic transcripts, one copy of the applicant's Master's thesis and at least two references will also be required.

FOR BACHELOR'S STUDIES

SLU does not currently offer any Bachelor's programmes delivered completely in English. However, Swedish-speaking international students can apply for Bachelor's programmes taught in Swedish. English-speaking students can apply for Bachelor-level courses at the university to finalise their Bachelor's degree.

Contact SLU's study counsellors for more information:
studyguidance@slu.se



***“THIS UNIVERSITY IS SAFE
AND OPEN FOR ALL.
WE HAVE EVERYTHING
THAT WE NEED TO
SUCCEED, TO FOCUS
ON OUR STUDIES.
JUST COME!”***

NUBIA-MARINA
STUDENT IN UPPSALA

APPLICATION GUIDE

FOR MASTER'S STUDIES

You apply to all programmes and courses through the website **www.universityadmissions.se**, which is a national online application system. This means that you can apply for several programmes and/or courses at different universities in one application. At www.universityadmissions.se, you can create a user account, search for courses and programmes, create an application, pay the application fee (if required), and reply to offers of admission.

You must also provide documentation in support of your application, which includes academic transcripts and English test results. Please read the information about documenting your eligibility thoroughly, as the specific documents that you must submit, and how to submit these documents, can vary depending on the level of study you are applying to, the specific requirements of a course or programme, the requirements of the university you are applying to, and where you have completed your previous studies. If you do not submit all the required documents, or submit documents in the wrong way, it can greatly delay the processing of your application.

Read more at: **www.universityadmissions.se**

FOR EXCHANGE STUDIES

To apply to SLU's exchange programme, you must fill in a course application form and have it signed by your home university's International Office. Completed application forms should be sent to SLU along with your academic transcript. SLU will email you when your application has been received. An admissions letter and a learning agreement will then be sent to you upon acceptance.

Read more at: **www.slu.se/exchange-studies**

FOR DOCTORAL STUDIES

SLU advertises all available doctoral openings on our website. There you can read the specific application instructions for each position.

Read more at: **www.slu.se/phd**

VISA & ACCOMMODATION

If you are a citizen of a country outside the European Union (EU), European Economic Area (EEA) and Switzerland, you must apply for a visa to study in Sweden.

This includes both exchange students and fee-paying students. Visas are organised through the Swedish Migration Agency, Migrationsverket.

If you are a citizen of an EU or EEA country, or Switzerland, you do not need to apply for a visa to study in Sweden. However, you will be required to apply for a residence permit within three months of your arrival in Sweden. This does not include Nordic citizens. Residence permits are also organised through Migrationsverket.

Read more at: www.migrationsverket.se

As part of the exchange agreement, SLU will organise accommodation for exchange students. SLU will also guarantee all fee-paying students accommodation for the duration of their stay. These students will be provided with a fully furnished dormitory room, which can be located on campus or in the surrounding area.

When living in a student dormitory you become part of a close-knit community and experience student life to the full. For guaranteed accommodation, make sure you apply in time.

All other students, including non-fee-paying Master's students, are responsible for organising their own accommodation. There are many accommodation options for students, including student dormitory rooms, flats, and shared houses. The earlier you start looking for accommodation, the better your options. Students are strongly encouraged to register themselves on the waiting lists for different types of accommodation. The more lists you are on, the better chance you will have of finding accommodation.

Read more at: www.slu.se/accommodation

FEES AND SCHOLARSHIPS

Students who are citizens of a country outside of European Union (EU), the European Economic Area (EEA) and Switzerland are required to pay an application and tuition fee. There are no application or tuition fees for students who are citizens of a country within the EU, EEA and Switzerland. Application and tuition fees do not apply to exchange students or doctoral students, regardless of their citizenship.

APPLICATION FEE

International students apply for SLU's programmes and courses through the website www.universityadmissions.se. Here, you can apply for up to twenty undergraduate programmes, or four Master's programmes, with one application. For students who are required to pay an application fee, the cost is SEK 900.

TUITION FEE

Tuition fees for non-EU, non-EEA and non-Swiss students vary depending on the programme and course. At SLU, the majority of programmes cost between SEK 85,000 and 260,000 per academic year. Information regarding tuition fee amounts, including the mandatory amount of the first instalment and for the entire course or programme, can be found on the SLU website, www.slu.se/education.

SCHOLARSHIPS

Scholarships are available, on a competitive basis, for fee-paying students admitted to Master's programmes. The scholarships

given by SLU cover tuition fees only (not the cost of living). The number of scholarships awarded can change from year to year.

At SLU, scholarships are only offered to fee-paying students. International students in Sweden can also apply for scholarships through the Swedish Institute, which offers over 500 scholarships every year to students and researchers from all over the world. Students can find a comprehensive list of all available scholarships on the website www.studyinsweden.se.

EXPENSES GUIDE

International students will require approximately SEK 8,000 per month to cover accommodation and other general expenses. Please note that the cost of living can vary greatly depending on the type of accommodation and lifestyle of the student.

Read more at:

www.slu.se/fees-and-scholarships

STUDYGUIDANCE@SLU.SE

STUDY AND CAREER GUIDANCE

The study and career counsellors can act as your sounding board and be someone to talk to when thinking about your studies and your choice of career.

PHONE: +46 18 67 28 00

PHONE HOURS: Monday & Tuesday 10-12, Thursday 13-15 (CET)

EMAIL: studyguidance@slu.se

STUDY WITH DISABILITIES

Do you have a disability that affects your studies? Then you can apply for learning support. SLU strives to offer all students equal opportunities and a good study environment. The learning support coordinators can give you information about what support you can get, how to apply and how it works.

CONTACT: ability@slu.se

FURTHER INFORMATION

PHONE: +46 18 67 10 00

WEB: www.slu.se/en

ENGLISH PROFICIENCY

Although Swedish is the official national language, Swedish people are in general very good at speaking English. In fact, Sweden is the second most English-proficient country in the world where English is not the official language, making it very easy for tourists and international students to get around. At SLU, almost all master's programmes are taught in English. This enables students to study in Sweden, but learn in English!



SCIENCE AND EDUCATION **FOR** **SUSTAINABLE** **LIFE**

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