Programme overview

Environmental management is crucial for the well-being of mankind. Understanding the environment, including increasing demands on and exploitation of natural resources as a result of population growth and the climate change, is probably the greatest emerging challenge influencing our present and future. The demand for well-educated and highly skilled graduates within this field is, and will remain, extremely high.

As a student in the programme, you will study in an international environment, and the studies are a mix of lectures, short and longer field excursions, group work and computer labs. The teacher teams are very international and we count more than 30 nationalities among our staff. The staff is involved in research that connects to the topics included in the courses. We have gathered long experience working in different environments in the world, from the coldest climates in arctic environments as Greenland and Svalbard to the arid environments in African deserts and tropical forests in Central Africa and South America.

Lund University offers a world-class BSc programme in Physical Geography and Ecosystem Science, focusing on understanding global and local environmental processes, management and modelling. We also put a strong focus on methods for collecting data on environmental conditions and provide strong analysis tools to our students. A unique blend of courses results in a high-profile degree from a top international university – a perfect platform for a career or for further studies.

Programme modules/courses

Courses are taken in subjects such as climatology, geographical information science, programming and environmental modelling. Theory and practice are integrated on local to global scales as well as in different locations, e.g. both developed and less-developed countries. Close interaction with private and governmental bodies and field work/visits within Europe as well as to Asia and/or Africa are key ingredients of the programme.

You have several options to personalise the content of your BSc by selecting courses at the department and one semester consists of elective courses from other departments during which you could also do a study abroad at one of our many partner universities around the world.

You study one module at the time. Core courses of the programme are: An Introduction to the Global Environment (15 credits), Theory and Methods of Physical Geography (15 credits), Hydrology (15 credits), Ecosystem Analysis (15 credits), Geographical Information Systems 1 (15 credits), The Climate System (15 credits) and Remote Sensing for Landscape Studies (15 credits).

Other courses that we recommend you to include in your BSc are: Land Surface Processes and Landscape Dynamics (15 credits) and Geographical Information Systems 2 (15 credits).

Career prospects

After graduation, you can either start working as an environmental specialist or continue with Master’s studies, in Lund or at another university. The programme offers training suitable for a wide range of professional roles. These could be, for example, work with climate and water issues; nature conservation planning; international aid and development work; handling of data and development of analytical methods.

Many of our alumni work in various parts of the world with environmental, planning and development issues and the GIS skills given in this programme are sought after. This BSc programme is truly unique. A world in need is waiting for you!

“I have always been interested in the environment, climate change and the environmental impact humans have, and the best way to start a career is to understand how all the processes work. That is what we are learning in our programme right now. It is very applicable to real life and real-life events, and climate change is a huge topic. There’s so many myths and ideas, so it is good to be able to properly understand and have some knowledge about it.”

Julia Iwan from Germany.
Entry requirements and how to apply

ENTRY REQUIREMENTS
General requirements and courses equivalent to the following Swedish upper secondary school courses: mathematics 4 in combination with biology 1, physics 1, chemistry 1, or level 2 in two of these subjects.

English Level 6 (equivalent to IELTS 6.5, TOEFL 90), see www.lunduniversity.lu.se for details on English proficiency levels.

HOW TO APPLY
1. Apply online: Go to www.lunduniversity.lu.se/bsc-physical-geography. Click on “Apply” and follow the instructions for the online application at the Swedish national application website www.universityadmissions.se. Rank the chosen programmes in order of preference.
2. Submit your supporting documents: Check what documents you need to submit (i.e. official transcripts, degree diploma/proof of expected graduation, translations, proof of English, passport) and how you need to submit them at www.universityadmissions.se
3. Pay the application fee (when applicable).

SELECTION CRITERIA/ADDITIONAL INFO
The general average (GPA) of your higher secondary school leaving certificate.

TUITION FEES
There are no tuition fees for EU/EEA citizens. For non-EU/EEA citizens, the tuition fee for this programme is SEK 145 000 per year. See www.lunduniversity.lu.se for details on tuition fees.

About the Department of Physical Geography and Ecosystem Science
Our department is engaged in education and research spanning a wide field of study, ranging from the Earth’s oldest geological history to ongoing processes and changes in our landscape. We investigate the composition of Earth, the development of life, the effects of recent glaciations on our landscape and how climate has changed over both short and long time scales.

Our work focuses on the climate of today and the future, the interactions of ecosystems with the atmosphere, as well as applied environmental problems like polluted soils. Our diverse and cutting-edge research is well reflected in the courses and education programs that we offer, which means that our students are well prepared for the challenges of the labour market after graduation.

About Lund University
Lund University was founded in 1666 and is repeatedly ranked among the world’s top 100 universities. The University has 40 000 students and 7 600 staff based in Lund, Helsingborg and Malmö. We are united in our efforts to understand, explain and improve our world and the human condition.

Lund is the most popular study location in Sweden. Lund University offers one of the broadest ranges of programmes and courses in Scandinavia, based on cross-disciplinary and cutting-edge research. The University has a distinct international profile, with partner universities in around 70 countries.

Lund University has an annual turnover of SEK 8.5 billion, more than half of which is destined for research. Our eight faculties conduct strong research in many different areas, including over thirty research fields in which we are world-leading. Many scientific breakthroughs and pioneering innovations have originated from Lund University.

Learn more at www.lunduniversity.lu.se
Ask questions and follow news at facebook.com/lunduniversity

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