Programme overview
This programme enables you to gain first-hand theoretical and practical skills in complex issues and technical systems within the area of environmental sciences, physical geography and climate change. You will gain in-depth knowledge of environmental and climate systems, global environmental issues and global cycling, climatology and climatic change, ecosystems analysis, biogeophysics and geomorphology.

Programme modules/courses
COURSES AND NUMBER OF CREDITS: Greenhouse Gases and Biogeochemical Cycles (15), Climate Change and its Impacts on the Environment (15), Ecosystem Modelling (15), Biosphere-atmosphere Interactions (15), Digital Remote Sensing (15), Global Ecosystem Dynamics (15), electives (15).
Master's degree thesis (30).

Career prospects
After successfully completing the programme, you will be able to work as an expert within a number of different fields, such as climate and water issues, nature conservation and international development, and work with issues relating to assessment, analysis, management and development of the environment and natural resources in a long-term sustainable perspective. Naturally, you could also pursue a career in research. Examples of future employers are national authorities, municipal and county councils, international development organisations within e.g. the UN and national and international NGOs. The programme also prepares you for consultancy work in the environmental and insurance areas.

Entry requirements and how to apply
ENTRY REQUIREMENTS
A Bachelor’s degree of at least 180 credits in physical geography, geology, geoscience, biology/ecology, physics, agronomy, forest science, environmental science, or the equivalent. 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/physical-geography-ecosystem-analysis. 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:
   • General 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
   • Programme-specific supporting documents: When applying for this programme, you must also submit a ‘Summary Sheet’ with your application. See the programme webpage for details.
3. Pay the application fee (when applicable).

“I was looking for a broad programme, because it is a broad field. The programme in Physical Geography and Ecosystem Science at Lund University is very flexible and you can adapt it to your needs. There is a good mix of diverse courses which help you see the overall picture and see things from different perspectives.”
Thirze Hermans from the Netherlands
SELECTION CRITERIA/ADDITIONAL INFORMATION
The selection will be based on grades awarded for previous academic courses, particularly qualifying courses, as well as the statement of purpose and professional qualifications and/or other practical experience of relevance (from the applicant’s ‘Summary Sheet’).

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
At our department, we are 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 such as 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 7,400 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 over 70 countries.

Lund University has an annual turnover of SEK 8 billion, two-thirds of which are 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.

The world-leading research facilities MAX IV and ESS which are being established in Lund will be of great significance for research and industrial development within materials and life sciences. MAX IV, which was inaugurated in 2016, is the world’s foremost synchrotron radiation facility and the ESS will be the most powerful neutron source in the world once it opens for research in 2023. Science Village Scandinavia is developing nearby, destined to become a meeting place and a test environment for research, education and entrepreneurship.

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

CONTACT
Programme webpage
www.lunduniversity.lu.se/physical-geography-ecosystem-analysis
Study guidance
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Disclaimer: Changes may have been made since the printing of this fact sheet. Please see www.lunduniversity.lu.se for any updates.