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, remote sensing, geographical information systems (GIS) and methods of environmental analysis.

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), Global Ecosystem Dynamics (15), Master’s degree thesis (30), electives (15).

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 comprising at least 180 higher education credits in science is required. Examples of relevant fields are physical geography, geology, geoscience, biology/ecology, physics, agronomy, forestry, environmental science or the equivalent. There are specific entry requirements for individual courses within the programme. English Level 6 (equivalent to IELTS 6.5, TOEFL 90). For details on English proficiency levels, see www.lunduniversity.lu.se.

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 statement of purpose and letters of recommendation with your application.
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 Analysis at Lund University is very flexible and you can adapt it to your needs. There is a good mix of diverse courses – you don’t just study ecosystem modelling, GIS or theory but a combination of these, which help you to see the overall picture and to see things from different perspectives.”
Thirze Hermans from the Netherlands
SELECTION CRITERIA/ADDITIONAL INFORMATION
Selection of students is based on previous university/college studies and other merits such as letters of recommendation and statement of purpose.

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. For details on tuition fees, see www.lunduniversity.lu.se.

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 like polluted soils. Our diverse and cutting-edge research is well reflected in the courses and education programs that we offer, which means that after graduating our students are well prepared for the challenges of the labour market.

About Lund University
Lund University was founded in 1666 and is repeatedly ranked among the world’s top 100 universities. The University has 42 000 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. The University offers one of the broadest ranges of programmes and courses in Scandinavia, based on cross-disciplinary and cutting-edge research. The compact university campus encourages networking and creates the conditions for scientific breakthroughs and innovations. The University has a distinct international profile, with partner universities in over 70 countries.

Lund University has an annual turnover of SEK 8 billion, of which two-thirds go to research. Our research is characterised by both breadth and strength and, according to independent evaluations, over 30 of our research fields are world-leading.

The establishment of the world-leading facilities MAX IV and ESS will have a major impact on future scientific and industrial development in both materials science and life science. MAX IV, which was inaugurated in June 2016, is the leading synchrotron radiation facility in the world, while the European research facility ESS will be the world’s most powerful neutron source when it opens for research in 2023. Adjacent to these facilities, Science Village Scandinavia is also being developed into a meeting place and testing 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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