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

Lund University is offering a world-class BSc programme in Physical Geography and Ecosystem Science, focusing on environmental modelling and management. 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. The programme is based on courses in climatology, climate change, ecosystem science and geomorphology. It also covers ecosystem modelling, geographical information systems (GIS), remote sensing and statistics, as well as elements of chemistry and physics.

Programme modules/courses
Courses are taken in subjects such as climatology, geographical information science, programming and environmental modelling. Theory and practice are integrated on different scales (local to global) as well as in different locations (e.g. both developed and less-developed countries). Close interaction with private and governmental bodies and fieldwork/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.

Core courses of the programme are: An Introduction to the Global Environment (15 credits), Theory and Methods of Physical Geography (15 credits), The Climate System (15 credits), Ecosystem Analysis (15 credits), Geographical Information Systems 1 (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), Hydrology (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. Examples of Master’s programmes offered in Lund are Geomatics, Physical Geography and Ecosystem Science, and the highly prestigious European Joint Programme GEM (Geo-information Science and Earth Observation for Environmental Modelling and Management).

This BSc programme is truly unique. A world in need is waiting for you!

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

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 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/bsc-physical-geography
Director of Studies
Ulrik Mårtensson
ulrik.martensson@nateko.lu.se, +46 46 222 4026