



LUND
UNIVERSITY

Master's Programme in Physical Geography and Ecosystem Science

LUND UNIVERSITY | SWEDEN

- Master of Science in Physical Geography and Ecosystems Science
- 2 years, full-time, 120 ECTS credits
- Department of Physical Geography and Ecosystem Science
- Lund Campus
- Application deadline: January 2024
- Programme start: August 2024

PROGRAMME OVERVIEW

This Master's programme gives you specialised knowledge in the physical geography subjects of land and vegetation, terrain forms and ecosystems, water and climate, environment and global changes. There are several options for specialisation. During the programme, you can choose to specialise in, for example, environmental and climate systems, global environmental issues and global cycles, environmental analysis methods, GIS or remote sensing with an environmental orientation.

Teaching consists of lectures, exercises, field exercises, computer labs, group projects and project work. With this Master's programme you will study with international staff and students, at a highly ranked department at a top university.

PROGRAMME MODULES/COURSES

Greenhouse Gases and Biogeochemical Cycles (15), Climate Change and its Impacts on the Environment (15), Ecosystem Modelling (15), Satellite remote sensing (15), Global Ecosystem Dynamics (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 possible future employers are national authorities, municipal and county councils, international development organisations within for example the UN and national and international NGOs.

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.

How to apply

1. Apply online: Go to www.lunduniversity.lu.se/physical-geography-ecosystem-science. Click on "Apply" and follow the instructions for the online application at www.universityadmissions.se, the Swedish national application website. 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.

• **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).

Selection criteria/additional info

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

Tuition fee SEK 170 000 per year for non-EU/EEA citizens. No fee for EU/EEA citizens. See www.lunduniversity.lu.se for details on tuition fees.

ABOUT THE DEPARTMENT OF PHYSICAL GEOGRAPHY AND ECOSYSTEM SCIENCE

The department of Physical Geography and Ecosystem Science is mainly focused on interdisciplinary studies of how climate and environmental changes affect the function and composition of terrestrial ecosystems. We combine field studies in many different places in the world with work in laboratories and computer simulations, programming and modelling. The goal is to increase understanding of the processes that take place in the exchange between the biosphere and atmosphere, hydrosphere and geosphere, not least under different climatic and environmental changes.

Our work focuses on the climate of today and the future, the interactions of ecosystems with the atmosphere, as well as applied environmental problems. 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 universities. The University has around 45





000 students and more than 8 000 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 considered one of the most popular study locations 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 unique disciplinary range encourages boundary-crossing collaborations both within academia and with wider society, creating great conditions for

scientific breakthroughs and innovations. The University has a distinct international profile, with partner universities in approximately 75 countries.

Lund University has an annual turnover of EUR 892 million, of which two-thirds go to research in our nine faculties, enabling us to offer one of the strongest and broadest ranges of research in Scandinavia.

CONTACT

Programme webpage:

www.lunduniversity.lu.se/physical-geography-ecosystem-science

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Learn more at www.lunduniversity.lu.se



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