Programme overview

The programme is multidisciplinary and offers a versatile education in atmospheric sciences, taught by leading scientists within the field. It will provide you with in-depth understanding of general atmospheric science, biogeochemical cycles and processes in land-ecosystem-atmosphere interactions. You will gain knowledge of a broad range of topics within fields such as environmental physics, atmospheric chemistry, meteorology, physical geography and ecology. You will also learn how to use advanced computational and laboratory-based methods and gain experience in field measurements and operations.

There are 14 partner universities from different Nordic countries in the consortium responsible for the programme and the intention is that you select courses from several of them to tailor your profile within the programme. Students have the opportunity to apply for a dedicated scholarship to cover travel and living costs when attending courses at partner universities in other Nordic countries.

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), electives (2x15) that are preferably studied at partner universities. Master’s thesis project (30).

Career prospects

As a graduate of the MSc in Atmospheric Sciences and Biogeochemical Cycles, you will be able to work within the fields of environmental management, consultancy, climate modelling and research in both a national and international context.

Entry requirements and how to apply

ENTRY REQUIREMENTS

A Bachelor’s degree of at least 180 credits in physical geography, physics 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/atmospheric-sciences. 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 web page 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 programme is about environmental matters in general and climate change in particular. The Master’s programme is based on lectures, seminars and laboratory sessions. Certain courses also include fieldwork, such as trips to Abisko in northern Sweden to study the arctic environment.”

Maj-Lena Linderson, lecturer
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 glacialiations 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 programmes 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