**Programme overview**

The programme covers nearly all aspects of geology, from minerals and rocks to glacial geology, sediments, climatic changes and the evolution of life. It aims to provide students with a wide range of geological knowledge, exposure to areas at the cutting-edge of research and a thorough understanding of the practical applications of geology. There are two specialisations: Bedrock Geology and Quaternary Geology. Three or four courses in either specialisation, combined with an elective course, are normally studied during the first year. A Master’s degree project (45 ECTS credits) is compulsory in the second year.

One of many attractions of the Department of Geology is the vast array of in-house research equipment that complements teaching. All students undertake their lectures and practical sessions in well-equipped lecture halls and teaching laboratories within the department building. Fieldwork is an essential part of the practical work and there are excursions of between one day and one week. These are held at a variety of locations and are a major feature of the programme. In the final year, students generally undertake projects in our research laboratories. Computing and workstation facilities underpin many aspects of our teaching and research. Students have access to all library resources at the department, which include electronic journals.

**Programme modules/courses**

The programme has two specialisations, one in Quaternary Geology and one in Bedrock Geology:

- **Quaternary Geology, courses and number of credits:**
  - Glacial Sedimentology – Processes, Sediments and Landform Systems (15), Palaeoecological Methods and Environmental Analysis (15), Global and Regional Marine Geology (15), Quaternary Climate and Glaciation History (15), electives (15) and a Master’s degree project (45).

- **Bedrock Geology, course and number of credits:**
  - Sedimentary Geology and Basin Analysis (15), Magmatic Petrology, Geochemistry and Geochronology (15), Metamorphic Petrology and Structural Geology (15), Evolution of the Biosphere, Palaeoecology and Palaeontology (15), electives (15) and a Master’s degree project (45).

**Career prospects**

The world will depend even more on geologists and their expertise in the future. Concern about global environmental change has never been greater and the world’s population increases and makes a greater demand on Earth’s limited resources. Graduates from our programme will obtain transferable and subject-specific skills that are necessary for academic research or entry into various employment opportunities in private companies or governmental structures.

**Entry requirements and how to apply**

**ENTRY REQUIREMENTS**

A Bachelor’s degree of at least 180 credits in geology or the equivalent. The degree must include at least 90 credits in geology. English Level 6 (equivalent to IELTS 6.5, TOEFL 90). See [www.lunduniversity.lu.se](http://www.lunduniversity.lu.se) for details on English proficiency levels.

“Studying geology at Lund University is easily the best decision that I have ever made. The quality of teaching is excellent and regular field trips help to strengthen the bonds between students and professors. The research facilities are excellent and the department is very accommodating to your research interests.”

James Davies from the UK
HOW TO APPLY
1. Apply online: Go to the page of the Geology specialisation you wish to apply for:
   - www.lunduniversity.lu.se/quaternary-geology
   - www.lunduniversity.lu.se/bedrock-geology
   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:
   • 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 the MSc in Geology, Quaternary Geology or the MSc in Geology, Bedrock Geology, you must also submit the ‘Summary Sheet’. See the programme webpage for details.
3. Pay the application fee (when applicable).

SELECTION CRITERIA/ADDITIONAL INFORMATION
The selection will be based on grades awarded for previous academic courses and the statement of purpose for the application (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 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/quaternary-geology
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