Programme overview
This Master’s programme specialises on the ecology of aquatic ecosystems, including both freshwater and marine systems, i.e. in the fields of Limnology and Marine Ecology, respectively. It provides understanding of state-of-the-art theories and models of the structure and function of aquatic ecosystems and, further, their relation to watershed, effects of anthropogenic disturbances, management strategies and restoration techniques. Practical training in laboratory and field methodology is also emphasised.

Special features of the programme
• Close collaboration with research groups on the most recent scientific approaches to current issues in both basic and applied science
• Guidelines for sustainable fisheries management
• Hands-on laboratory training and risk assessment in ecotoxicological issues in aquatic environments
• Designing restoration projects on a watershed scale

Programme modules/courses
COMPULSORY COURSES: Limnology/Marine Ecology, Aquatic Ecology, and a Master’s degree project in Aquatic Ecology.


Most courses are full-time studies, and you usually take only one course at a time. The courses are typically teaching-intensive, with lectures, seminars, excursions as well as theoretical and practical exercises. You are expected to spend about 40 hours per week on studies, self-studies included. Normally you take two courses of 15 credits per semester, i.e. a total of 60 credits per year.

Career prospects
After graduation many students of the Aquatic Ecology Master’s Programme find employment within the water management sector, e.g. as ecologists in municipal or county councils or in consulting agencies. In these positions your assignments could include environmental monitoring, consulting on matters concerning water and assessment of measures that may affect the water environment. The programme also provides a solid base for continued studies at the PhD level.

Entry requirements and how to apply
ENTRY REQUIREMENTS
A Bachelor’s including 90 credits in biology (of which should include 15 credits in cell biology, genetics and microbiology, 15 credits in ecology, 15 credits in botany, and 15 credits in zoology), and 7.5 credits in statistics. English 6/English Course B. See www.lunduniversity.lu.se for details on English proficiency levels.

HOW TO APPLY
1. Apply online: Go to www.lunduniversity.lu.se/biology-aquatic-ecology. 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.

“I came to Lund in order to take the Master’s Programme in Aquatic Ecology. The reason why I chose Lund University was its high ranking among the universities worldwide. You have the chance to take a variety of courses, even the ones within the other programmes. Lund is a small, cosy, student city where you have the chance to socialise via the student organisations and learn more about Swedish culture and traditions. Don’t miss this experience”
Ezgi Uluzu from Turkey
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.

4. Pay the application fee (when applicable).

**SELECTION CRITERIA/ADDITIONAL INFO**

Selection of students is based on grades on academic courses of relevance for the Master’s programme.

**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 Biology**

We have an outstanding competence in both education and research, covering a large number of biological disciplines with everything from molecular biology to large scale ecology. Several of our research groups are world leading within their topic, which shows by the large number of international projects being coordinated from the department of Biology.

Since our education is integrated with the research within the department you will, during your studies, have researchers as teachers and get into close contact with the ongoing projects. Our courses range from basic to Master’s level and we offer around 50 advanced level courses. We also have an extensive postgraduate programme.

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**About Lund University**

Lund University was founded in 1666 and is repeatedly ranked among the world’s top 100 universities. The University has 41,000 students and 7,500 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 Sweden’s most attractive study destination. 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 clear international profile, with partner universities in over 70 countries.

Funding of more than SEK 5 billion a year goes to research at eight faculties, which gives us one of Sweden’s strongest and broadest ranges of research activity. Over 30 of our research fields are world-leading, according to independent evaluations.

Two of the world’s leading materials research facilities are currently under construction in Lund: the MAX IV Laboratory, inaugurated in June 2016, is the leading synchrotron radiation facility in the world, and the European research facility ESS, which will house the world’s most powerful neutron source. The two facilities will be of decisive importance for future scientific and industrial development in both materials science and life science.

Learn more at www.lunduniversity.lu.se

Ask questions and follow news at facebook.com/lunduniversity

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**CONTACT**

Programme webpage
www.lunduniversity.lu.se/biology-aquatic-ecology

Study Advisor
Lotta Persmark, lotta.persmark@biol.lu.se,
+46 (0)46 222 3728