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.

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 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/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:
   • 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: We encourage you to fill in our Summary Sheet when you apply for this programme. More information can be found on the programme webpage.
3. 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.

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
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