Programme overview
Molecular biology provides tools and a basis of knowledge that are increasingly important in all aspects of biology, medicine and molecular genetics. This Master's programme offers courses that will deepen and broaden your education in modern molecularly oriented biology and related topics. The general programme in Molecular Biology provides you with the opportunity to design your own education with the specialisation that you prefer. There is a broad range of courses to choose from. You will be given guidance on how to put together a suitable programme that fulfils the degree requirements and gives you the appropriate education and training.

Special features of the programme
• Broad range of courses related to cell and molecular biology, biotechnology and medical biology
• Close connection to research in an international environment
• Integration of theoretical analysis with strong training of laboratory skills
• Freedom to create your own study programme and specialisation

Programme modules/courses
COURSES AND NUMBER OF CREDITS: Elective courses in Molecular Biology (60 ECTS), Master's degree project (30-60 ECTS), elective courses or continuation of the Master's degree project (0-30 ECTS). For list of elective courses, see www.biology.lu.se/general-master-programme-in-molecular-biology

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, theoretical and practical exercises as well as self studies. During one term you normally take two courses of 15 ECTS credits (i.e. a total of 60 credits per year).

Career prospects
The knowledge and skills you will gain on this programme open doors to employment within many sectors in industry, academia and the public sector. Depending on which specialisation you choose, this could be in the biotechnological, pharmaceutical or food industries. Employment can also be found in agencies concerned with hygiene and environmental protection issues, in patent and legal issues, education or research funding.

Entry requirements and how to apply
ENTRY REQUIREMENTS
A Bachelor's degree including cell-and molecular biology (30 ECTS credits), genetics (7.5 ECTS credits), microbiology (7.5 ECTS credits), animal and/or plant physiology (15 ECTS credits), biochemistry (15 ECTS credits), and chemistry (20 ECTS). English Level 6 (equivalent to IELTS 6.5, TOEFL 90). See www.lunduniversity.lu.se for details on English proficiency levels.

“The most interesting thing about the General programme, is that you are not restricted to follow an already determined study course outline. It allows you to be independent and build your own course of study according to your study (research) interests and wants. With this, I was able to choose my career path in medical molecular biology. I am now a PhD student at the Biomedical Centre at Lund University.”
Joy Nakawesi from Uganda
HOW TO APPLY
1. Apply online: Go to www.lunduniversity.lu.se/molecular-biology. 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: 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 INFORMATION
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. See www.lunduniversity.lu.se for details on tuition fees.

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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