Programme overview
This programme aims to give students of molecular biology a solid foundation for a career in medically related areas. These areas have played, and will continue to play, a central role in pharmaceutical and biotechnological development. The programme also deals with subjects related to commercial applications, such as the development of diagnostic tools and quality control.

Special features of the programme:
• Broad range of courses related to medical biology, including pharmacology, immunology, nutrition, physiology, toxicology and neurobiology
• Integration of theory and laboratory skills training
• Insights into the drug development process, from research to clinical use
• Extensive training in oral and written communication provides a solid basis for the use of relevant terms and expressions within medical biology and related areas
• Extracurricular activities, such as seminars and site visits, are offered

Programme modules/courses
Courses and number of credits: Immunology (15, optional, but necessary if no pre-knowledge in immunology), Pharmacology (15, compulsory), Toxicology (15, compulsory), Cellular and Molecular Immunology (15, compulsory), Neurobiology (15, optional) or Bioinformatics/Programming using Python (7.5 plus 7.5, optional), Master’s degree project (30, 45 or 60 credits). For the full list of electives, see www.biology.lu.se/master-programme-medical-biology.

Most courses are full-time studies, and you 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 semester, you take two courses of 15 credits (i.e. a total of 60 credits per year).

Career prospects
The knowledge and skills you gain on this programme will open doors to employment in industry, academia and the public sector, both nationally and internationally. This could be in the biotechnology, pharmaceutical or food industries, in patent and legal issues, education or research funding. The programme also provides you with a solid grounding for PhD studies.

Entry requirements and how to apply
ENTRY REQUIREMENTS
A Bachelor’s degree of at least 180 credits or the equivalent, of which 120 credits must be in science/biomedicine/engineering, including:
• 45 credits in molecular biology comprising genetics, cell biology and microbiology
• 15 credits in human/animal physiology
• 30 credits in chemistry comprising biochemistry

English Level 6 (equivalent to IELTS 6.5, TOEFL 90). See www.lunduniversity.lu.se for details on English proficiency levels.

“I have really enjoyed the possibility to design my own Master’s degree education by choosing among many different courses. Also, the course contents have given me good skills in laboratory work, which has been very helpful during my degree projects.”

Greta Höög from Sweden
HOW TO APPLY
1. Apply online: Go to www.lunduniversity.lu.se/medical-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: When applying for this programme, you must also submit a ‘Summary Sheet’ with your application. 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 (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 Biology
We have outstanding competence in education and research, covering a large number of biological disciplines from molecular biology to large-scale ecology. Several of our research groups are world-leading in their topic and a large number of international projects is coordinated by the department of Biology. As our education is integrated with the department’s research, you will have researchers as teachers and get involved in ongoing projects during your studies. Our courses range from basic to Master’s level. We offer around 50 advanced level courses as well as 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 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/medical-biology
Study Advisor
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