Programme overview
Molecular biology provides tools and a basis of knowledge that are increasingly important in all aspects of life science. 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/biochemistry, 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 credits), Master’s degree project (30, 45 or 60 credits), optional courses or continuation of the Master’s degree project (0–30 credits). For a list of elective courses, see www.biology.lu.se/general-master-programme-in-molecular-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 term, you normally take two courses of 15 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 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
• 7.5 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.

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.

“...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 and research interests and wants. Thanks to 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
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 pro-
     gramme 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 repeated-
ly ranked among the world’s top 100 universities. The
University has 40 000 students and 7 600 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 univer-
sities in around 70 countries.

Lund University has an annual turnover of SEK 8.5 bil-
lion, more than half of which is 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 break-
throughs 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 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 and is destined to become a meet-
ing 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
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