



LUND
UNIVERSITY

BSc in Biomedicine

LUND UNIVERSITY | SWEDEN

- Bachelor of Medical Science with a major in Biomedicine
- 3 years, full-time, 180 ECTS credits
- Faculty of Medicine
- Lund Campus
- Application deadline: January 2024
- Programme start: August 2024

PROGRAMME OVERVIEW

Are you interested in biology and medicine related to human health and disease? Would you like to contribute to finding cures for diseases such as cancer and diabetes? Would you like to have an education that combines medicine and science with practical skills and applications? In that case, Biomedicine is for you! The programme is tightly linked to ongoing cutting-edge research within Biomedicine, and our teachers are also active researchers. You will thus study in an environment that integrates education and research.

Current issues of interest to biomedical scientists:

- How can we rapidly respond to and develop diagnostics, treatments and vaccines for future pandemics?
- How can nanoparticles be used in cancer drugs?
- How can we combat bacterial resistance to antibiotics?
- Can we create our own spare organs using stem cell technology?
- How do genetics, environment, diet and lifestyle affect health and disease?

PROGRAMME MODULES/COURSES

The programme focuses on learning and understanding biomedicine, from molecular biology to human physiology in health and disease. The courses of the first year cover biochemistry, genetics, cell- and tissue biology. The second year starts with courses in developmental biology and stem cells, continues with courses on human physiology and immunology in health and disease, and ends with courses in the molecular basis of disease, pharmacology and drug discovery. The third year starts with a course in translational and molecular medicine, continues with a thesis preparatory course and ends with a 30 ECTS thesis project performed in a research lab.

CAREER PROSPECTS

The Biomedicine Programme gives you the opportunity to advance in many areas after your Bachelor's degree. You will become a specialist in biomedical problem-solving and act as an important link between new biological knowledge and practical medical use.

The vast majority of graduates choose to continue studying toward a Master's degree. Biomedical scientists can work with, for example:

- research in academia or the life science industry
- expert support for authorities and companies
- drug discovery, development and clinical trials
- bioentrepreneurship and market analysis
- medical writing and scientific journalism

ENTRY REQUIREMENTS AND HOW TO APPLY

Entry requirements

General eligibility (with exemption from Swedish language proficiency). Courses corresponding to the following Swedish upper secondary school courses: Biology 2, Chemistry 2, Mathematics 4, or the equivalent courses. English Level 6.

How to apply

1. Apply online:

Go to www.lunduniversity.lu.se/bsc-biomedicine Click on "Apply" and follow the instructions for the online application at www.universityadmissions.se, the Swedish national application website. Rank the chosen programmes in order of preference.

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.

3. Pay the application fee (when applicable)

Selection criteria/additional info

The general average (GPA) of your higher secondary school leaving certificate.

Tuition fees

Tuition fee SEK 205 000 per year for non-EU/EEA citizens. No fee for EU/EEA citizens. See www.lunduniversity.lu.se for details on tuition fees.

ABOUT THE FACULTY OF MEDICINE

The Faculty of Medicine is one of nine faculties at Lund University and offers a wealth of research, postgraduate and educational programmes in medicine, public health, biomedicine and health sciences, to name a few.

The Faculty encompasses 2 900 full-time undergraduate students enrolled in 8 degree programmes and stand-alone courses, as well as 1 000 postgraduate students and 2 000 employees. Research spans across a broad area from basic experimental research to applied research, in order to answer



questions related to clinical practice, the health sciences and society.

ABOUT LUND UNIVERSITY

Lund University was founded in 1666 and is repeatedly ranked among the world's top universities. The University has around 45 000 students and more than 8 000 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 considered one of the most popular study locations 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 unique disciplinary range encourages boundary-crossing collaborations both within academia and with wider society, creating great conditions for scientific breakthroughs and innovations. The University has a distinct international profile, with partner universities in approximately 75 countries.

Lund University has an annual turnover of EUR 892 million, of which two-thirds go to research in our nine faculties, enabling us to offer one of the strongest and broadest ranges of research in Scandinavia.

CONTACT

Programme webpage:

[www.lunduniversity.lu.se/
bsc-biomedicine](http://www.lunduniversity.lu.se/bsc-biomedicine)

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Admission and general questions

biomed@med.lu.se

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Learn more at www.lunduniversity.lu.se



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