



**LUND**  
UNIVERSITY

# Master's in Biomedicine

LUND UNIVERSITY, SWEDEN

- Master of Medical Science, with a major in Biomedicine
- 2 years, full-time, 120 ECTS credits
- Faculty of Medicine
- Lund Campus
- Application deadline: January 2021
- Programme start: August 2021

## Programme overview

Our goal is to give the students all the competences needed for a scientific career and prepare them for independent biomedical research and development. The programme leads to a Master of Medical Science, with a major in Biomedicine and specialisation in either industrial or experimental biomedical research. Most of the teaching takes place in research environments at the Biomedical Research Centre in Lund with parts of the teaching located at Max lab IV/European Spallation Source (ESS). All teachers are active research scientists.

## Programme modules/courses

The first semester is devoted to advanced studies, including experimental design, scientific communication and state-of-the-art experimental laboratory work using methodologies that are highly relevant for biomedical research areas. Applied biostatistics and ethics are embedded in the semester's courses. During the second semester, you can individually adapt your studies depending on your areas of interest by selecting elective courses, such as molecular neurobiology, tumour biology, metabolic disease and stem cell biology.

The second year is devoted to preparations for a future profession as a biomedical scientist within academic or life science research. Competences in leadership, application strategies and presentation techniques are combined with either research project management or drug development and clinical trials as the start of a research

track with a Master's degree completed at the University or at a life science company in Sweden or abroad.

**COMPULSORY COURSES:** Experimental Design and Scientific Communication, Biomedical Methods and Experimental Animal Models, Biomedicine – the Profession, and either the academic or industrial research track.

**ELECTIVES:** You may choose among a number of courses at the Faculty of Medicine and the Faculty of Science to create your own specialisation.

## Career prospects

Throughout the programme, you will acquire cutting-edge skills in biomedicine. You will be qualified to work independently and in leading functions within medical research and development, both in a university context as well as in private industry and the public sector.

A completed Master's programme can, if approved by a relevant authenticating body, be included as part of a PhD programme.

## Entry requirements and how to apply

### ENTRY REQUIREMENTS

A Bachelor's degree of at least 180 credits in biomedicine, biotechnology, cell and molecular biology, or molecular medicine, including an independent biomedical research project. The degree must include basic chemistry and biochemistry, cell biology, immunology, genetics, microbiology, human physiology and molecular medicine. English Level 6 (equivalent to IELTS 6.5, TOEFL 90). See [www.lunduniversity.lu.se](http://www.lunduniversity.lu.se) for details on English proficiency levels.



“The Master's in Biomedicine in Lund is the perfect mixture of everything you need for the best research education you can get. It offers you a free choice of subjects within the field, and simultaneously provides you with essential knowledge for your future. It is small enough for continuous access to world-leading professors, yet large enough to grant you a great stepping stone in your future career. The biomedical programme in Lund has been great for my professional development, and I know it will be for yours too.”

Beatrice Fageräng from Sweden





## HOW TO APPLY

**1. Apply online:** Go to [www.lunduniversity.lu.se/biomedicine](http://www.lunduniversity.lu.se/biomedicine). Click on "Apply" and follow the instructions for the online application at [www.universityadmissions.se](http://www.universityadmissions.se), the Swedish national application website. 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](http://www.universityadmissions.se).
- **Programme-specific supporting documents:** When applying for the Master's in Biomedicine, you must also fill in and submit your Biomedicine Profile Portfolio, your degree project (if applicable) and relevant certificates with your application. Instructions to fill in the Biomedicine Profile Portfolio and further information are available on the programme webpage.

**3. Pay the application fee** (when applicable).

## SELECTION CRITERIA/ADDITIONAL INFO

An assessment is made of the quality of the applicant's previous studies, relevant professional or research experience and stated reasons for applying to the 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 180,000 per year. See [www.lunduniversity.lu.se](http://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 2 800 full-time undergraduate students enrolled in 8 degree programmes, 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 100 universities. The University has 40 000 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 the most popular study location in Sweden. The University offers one of the broadest ranges of degree programmes and courses in Scandinavia, based on cross-disciplinary and cutting-edge research. Because of its wide disciplinary range, interdisciplinary collaborations and engagement with wider society, Lund University is particularly well equipped to meet complex societal challenges. With partner universities in around 70 countries, the University's profile is distinctly international.

Lund University has an annual turnover of more than EUR 830 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.

Learn more at [www.lunduniversity.lu.se](http://www.lunduniversity.lu.se)

Ask questions and follow news at

[facebook.com/lunduniversity](https://facebook.com/lunduniversity)



**LUND**  
UNIVERSITY

## CONTACT

**Programme webpage**

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

**Programme Director**

Magnus Hillman, [magnus.hillman@med.lu.se](mailto:magnus.hillman@med.lu.se)

**Admission and general questions**

[biomed@med.lu.se](mailto:biomed@med.lu.se)