



LUND  
UNIVERSITY

# MSc 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 2024
- Programme start: August 2024

## PROGRAMME OVERVIEW

Students graduating from the programme have developed leading competencies in biomedical research and are well prepared for independent work in society, academia and the life science industry. The programme leads to a Master of Medical Science, with a major in Biomedicine, and specialisation in research within academia or the life science industry. 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. The programme is tightly linked to cutting edge research and all teachers have relevant research experience.

## 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 courses. During the second semester, you can individually adapt your studies depending on your areas of interest by selecting elective courses. The programme offers advanced courses in 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 academia or the

life science industry. Generic competencies in leadership, written scientific communication and oral presentation techniques. The programme ends with a 45 credit research project conducted in academia or life science industry in Sweden or abroad.

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

**ELECTIVES:** In total 30 ECTS are elective, and you may choose among a number of courses at the Faculty of Medicine as well as other faculties in Sweden or abroad 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 teams, leading biomedical research and development, both in an academic context, in life science 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.



“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 submit your Biomedicine Profile Portfolio, your degree project (if applicable) and relevant certificates with your application. Instructions on how to fill in the Biomedicine Profile Portfolio and further information are available on the programme website.

### 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 and academic experience and the stated motive for applying to the programme.

## 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](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 2 900 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.

## CONTACT

Programme webpage:

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

Programme Director:

Maria Swanberg  
[maria.swanberg@med.lu.se](mailto:maria.swanberg@med.lu.se)

Admission and general questions:

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

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

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