Programme overview
Are you interested in the functions of the human body and do you want to contribute to reducing disease and suffering? Would you like to find a cure against 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 something for you. You will be tutored by active research scientists, some of them world leading in their fields. You will be part of a research environment from the very beginning and take part of the latest techniques and research results.

Current issues of interest to biomedical scientists:
- How can nanoparticles be used in cancer drugs?
- Antibiotic resistance, what should we do when our medicines do not work anymore?
- Can we create our own spare organs using stem cell technology?
- How do genetics, environment, food and lifestyle affect our and our children’s health?

Programme modules/courses
During the first year, the courses cover the molecular basis of the cell and its surroundings. The year starts with a course in cell biology and chemistry, continues with metabolism and metabolomics, genetics and genomics and ends with the course ‘the cell and its environment’. The second year is comprised of courses focused on the cells building organs and the human body. It starts with courses in organ development and human physiology and continues with courses in immunology, pathophysiology, pharmacology and drug development. The third year contains a course in translational and molecular medicine and ends with a 30-credit thesis project that is performed in a research lab. Generic skills, such as biostatistics, ethics and scientific communication, are trained throughout the programme and laboratory skills are trained both in the course lab and in research labs.

Career prospects
The biomedicine programme gives you the opportunity to continue in many areas after your Bachelor’s degree. You will become a specialist in biomedical problem-solving and acting as an important link between new biological knowledge and practical medical use.

The vast majority of graduates choose to continue studying a Master’s degree. After a Master’s, biomedical scientists can work with, for example:
- Research in academia or the life science industry
- Expert support for authorities and companies
- Drug 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). The Swedish upper secondary school courses Biology 2, Chemistry 2, Mathematics 4, or the equivalent courses. 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/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
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 for details on tuition fees.

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

The Faculty encompasses 2 800 full-time undergraduate students enrolled in 8 degree programmes, as well as 1 100 postgraduate students and 1 800 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 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 universities in around 70 countries.

Lund University has an annual turnover of SEK 8.5 billion, 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 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 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 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