Programme overview
What if satisfying your curiosity could become your job? At the Department of Physics in Lund, you can be curious and creative and at the same time make a strategic choice for your career. Physicists in Lund study subjects including the smallest parts of matter, the interface between living cells and electronics, how to create a cleaner environment and how to cure cancer. At the same time, they are satisfying their curiosity. As a Master’s student, you will become part of a vibrant research community engaged in experiments at major international research facilities and in state-of-the-art laboratories on site. Cutting-edge theoretical studies are also undertaken.

You begin your studies by taking a number of courses, some of them general, some more specialised. The programme concludes with a Master’s project, for which you spend a full year in a research group or outside the University – there are many exciting possibilities within the high-tech industry in the Lund region. You have a lot of freedom to tailor your own education, but we have also put together some strong specialisations: Analytical Physics, Combustion Physics, Mathematical Physics, Theoretical Physics, Nanophysics, Photonics and Lasers, Subatomic Physics and Synchrotron Radiation Physics.

Programme modules/courses
Physics 4: Introduction to Advanced Physics (30 credits), Master’s degree project of at least 30 credits, electives (60 credits). For information on specialisations and elective courses, see www.fysik.lu.se/english/education/start-studying/masters-programmes

Career prospects
Two international research institutes – MAX IV, a synchrotron radiation laboratory, and ESS, the European Spallation Source – make Lund a centre for, among other things, materials science and attract new entrepreneurs and research groups. The two institutes add to the already existing opportunities for you as a graduate of this Master’s programme. Areas in which graduates find employment include information and communication technology, manufacturing, space exploration, life sciences, medicine, pharmacy, energy production, the environment, electronics and materials science. MAX IV entered into operation in June 2016. ESS is currently under construction, with a planned start of operations in 2023.

Entry requirements and how to apply
ENTRY REQUIREMENTS
A Bachelor’s degree of at least 180 credits in physics or the equivalent. The degree must include at least 90 credits in physics. 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/physics.
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.

“Something really good about this programme is that you have a lot of freedom to choose your own courses. They really have a lot of courses to choose between so you can take several different tracks.”
Fabian Motzfeld from Germany
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 7,400 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 over 70 countries.

Lund University has an annual turnover of SEK 8 billion, two-thirds of which are 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, which was inaugurated in 2016, 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, 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

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