

Study in Sweden, Study@LTH







Facts about Sweden

- One of the top countries in the world in innovation, democracy and gender equality
- One of the top countries in the world in providing higher education
- Largest number of global companies per capita in the world
- Population over 10 million people 15% born overseas
- Environmentally conscious society: only 1% of waste goes to a rubbish dump!
- One of the safest countries and best living standards in the world



Swedish Innovations

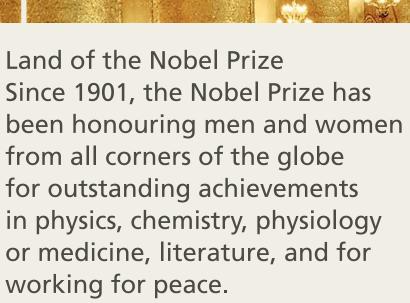


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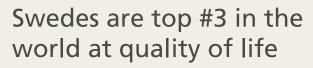
SWEDEN

Sweden has the largest number of multinational corporations per capita and one of the highest levels of English proficiency amongst non-native speakers in the world.



SWEDEN





SWEDEN



US NO. 1



KANELBULLE

25-



Southern Sweden is known for it's beautiful nature and national parks



Our location

- Lund Copenhagen airport 35 minutes (train), a perfect hub for travelling in Europe
- Lund Malmö 10 minutes (train)
- Lund Stockholm 4 hours (train)
- Malmö area (including Lund), considered one of most innovative regions in the world



Lund – The city of great ideas

- Population of just under 100 000 inhabitants
- A truly international and vibrant atmosphere
- Academia, business, culture and nature thrive within cycling distance
- A picturesque city centre including the cathedral and the winding cobble-stoned streets
- Home to MAX IV Laboratory (world's foremost synchrotron-radiation facility), European Spallation Source (world-leading facility for neutron science), Medicon Village (life sciences park) and Ideon Science Park

Everything can be reached by walking or biking – your housing is normally around 5-20 minutes away from class

LUND



Lund University – Excellence and innovation since 1666

- Founded in 1666, one of the oldest and largest universities in Northern Europe
- Top 100 world ranked university
- Public, non-profit, research-intensive university
- 45 000 students (20% international), 8 400 staff based in Lund, Malmö and Helsingborg



Lund University – The most popular university in Sweden!

- Lund is the number 1 choice for international students coming to Sweden!
- Around 20% of our student body is international
- A large number of exchange students from around 70 countries
- Full degree students from over 130 countries
- You really do meet the world at Lund University!



Lund University Main Library

- Considered one of the most beautiful buildings in Sweden
- One of Sweden's largest and oldest research libraries
- At Lund University, there is a network consisting of 26 libraries



Nine Faculties – and over 30 world-leading research fields

- Architecture and Design
- Business, Economics and Management
- Engineering and Technology
- Environment and Sustainability
- Fine Art
- Humanities and Theology

- Law
- Medicine and Health Sciences
- Music
- Science
- Social Sciences



LTH – Faculty of Engineering

- Founded in 1961
- $\approx 10\ 000\ \text{students}$
- 650 PhD students
- 1 700 employees
- 750 of our employees are professors, researchers and lecturers
- Engineering, Architecture and Industrial Design
- \$200 million turnover

Home of unique opportunities for the development of research, education and innovation



World-leading research at LTH

LTH's collective excellence in research is gathered in seven profile areas:

- Aerosols
- AI and the pillars of digitalisation
- Circular building sector
- Energy transition power and transport
- Engineering health
- Nanoscience and semiconductor technology
- Photon science and technology



MAX IV

World-leading synchrotron radiation national research facility using synchrotron radiation to study materials at the atomic scale for scientific breakthroughs within medicine, engineering and science.



ESS

European Spallation Source is a joint European research facility currently being built in Lund (fully completed in 2025). ESS will be used in a variety of sciences, such as materials science, structural chemistry, biology and geophysics. The facility is a so-called neutron source where cascades of neutrons are induced by spallation.



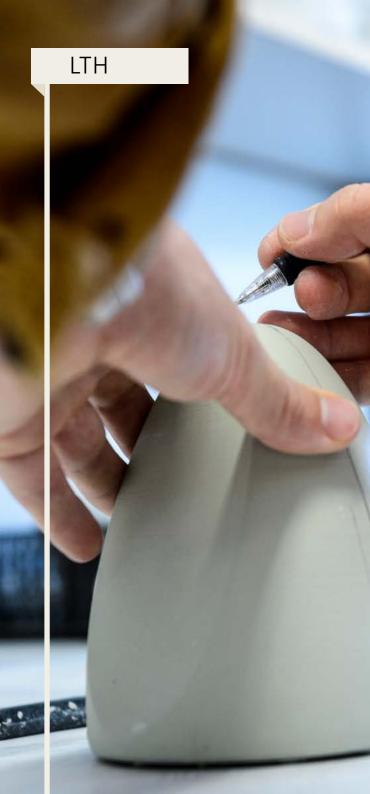
Education at LTH

- 5 year (3+2) integrated MSc programmes in Engineering, Architecture and Industrial Design
- Master programmes (2 years) for international students
 More than 400 courses suitable for exchange students
- Integration between domestic and international students
- Informal atmosphere
- Other education: bachelor programmes, technical/scientific base year, School of Aviation.



Integrated MSc programmes

- Architecture
- Biomedical Engineering
- Biotechnology
- Chemical Engineering
- Civil Engineering
- Computer Engineering
- Electrical Engineering
- Engineering Mathematics
- Engineering Nanoscience
- Engineering Physics
- Environmental Engineering
- Fire Protection Engineering
- Industrial Design
- Industrial Engineering and Management
- Information and Communication Engineering
- Mechanical Engineering
- Mechanical Engineering with Industrial Design
- Risk Management Engineering
- Risk, Safety and Crisis Management
- Surveying and Land Management



International Master's programmes

- Architecture
- Biotechnology
- Digital Architecture and Emergent Futures
- Disaster Risk Management and Climate Change Adaptation
- Embedded Electronics Engineering
- Energy-efficient and Environmental Building Design
- Food Technology and Nutrition
- Industrial Design
- Logistics and Supply Chain Management
- Machine Learning, Systems and Control
- Nanoscience
- Pharmaceutical Technology: Discovery, Development and Production
- Photonics
- Production and Materials Engineering
- Sustainable Energy Engineering
- Sustainable Urban Design
- Virtual Reality and Augmented Reality
- Water Resources Engineering
- Wireless Communications
- Food Innovation and Product Design (Joint programme)
- Fire Safety Engineering (Joint programme)
- Large Scale Accelerators and Lasers (Joint programme)
- EIT Master's in Food Systems (Joint programme)



Academic life

- Informal class environment call Professors by their first name
- Students are active in the class discussions
- Studies are usually undertaken 1-2 courses (modules) at a time, with an examination or essay at the end of each individual course
- Courses can be anything from two to 20 weeks long



Courses for exchange students

Courses

You can freely choose courses suitable for exchange students from different programmes at LTH, as long as you have the academic requirements and the necessary supporting documents.

Find exchange courses (LTH's website)

Special Area Studies (SAS)

Exchange students can apply for SAS courses in subjects such as Swedish culture and society, European studies, regional courses and global issues of contemporary interest. No prerequisite required. <u>Special Area Studies (SAS) (Lund University's</u> website)

Swedish Language course

Exchange students can study Swedish language courses during their stay in Lund (under Learning Swedish in the link below) <u>Swedish Language course (LTH's website)</u>



Additional information (links)

Exchange studies (LTH's website) How to apply (LTH's website)

General course information (LTH's website)



LTH FACULTY OF ENGINEERING We hope to see you soon!

