LUT University

Admissions guide 2026 | LUT University | Finland

CURIOUS PEOPLE

inspire others of their kind

INTERNATIONALLY RECOGNISED

We are among the top

30 in the world for climate action /United Nations' Sustainable Development Goal 13

200 business schools in the THE World University Rankings by subject for business and economics

200 in the THE Impact Rankings

300 in the THE World University Rankings

Times Higher Education Impact Rankings 2025
Times Higher Education World University Rankings by Subject 2025
Times Higher Education World University Rankings 2025

CONTENT

We at LUT University work together with companies to make Planet Earth a better place using science as a powerful tool. Our graduates are responsible trailblazers in technology, business, and social sciences. Sustainability-focused organisations world-wide value their knowledge, skills, and attitude.

Juha-Matti Saksa
Rector, LUT University

LUT UNIVERSITY

LUT University (Lappeenranta-Lahti University of Technology LUT) is a **public science university** in Finland, bringing together the fields of **technology**, **business,** and **social and communication sciences**.

We offer **10 bachelor's**, **32 master's**, and **doctoral**, **exchange,** and **seasonal** programmes with English as the language of instruction. The programmes take place on two campuses and in two regional units. The distances between the four cities are short.

CONNECTED TO INDUSTRY
Our degree programmes are developed in close cooperation with industry, ensuring your studies are relevant to the changing needs of your profession.

JAMIE HYNEMAN CENTER
The Jamie Hyneman Center (JHC) is a prototyping lab located on the Lappeenranta campus. In this lab, you can create new ideas and build and test prototypes.

RESEARCH THAT MATTERS
We create innovations and unlock new knowledge through science.

WORLD-CLASS LABORATORIES
At LUT, we offer you great facilities with high-tech labs. Many classes are taught in labs that enable computer modelling, 3D imaging, and virtual reality experiments.

INTERNATIONALLY ACCREDITED
Most of our programmes have quality labels from international accreditation organisations: EUR-ACE, Euro-Inf, and ASIIN in technology and AACSB and EFMD in business.

THE MOST REPUTABLE UNIVERSITY IN FINLAND*

Number
1
in an eco-friendly attitude to student living
International Student Barometers 2024

Number
2
in employability in Finland
International Student Barometers 2024

Over
100
nationalities

Nearly
9,000
students

*Reputation and Trust Analytics 2025

DEGREES

BACHELOR

3 years

- Bachelor of Science in Technology, B.Sc. (Tech.)
- Bachelor of Science in Economics and Business Administration, B.Sc. (Econ. & Bus. Admin.)

MASTER

2 years

- Master of Science in Technology, M.Sc. (Tech.)
- Master of Social Sciences, M.Soc.Sc.
- Master of Science in Economics and Business Administration, M.Sc. (Econ. & Bus. Admin.)

DOCTOR

4 years

- Doctor of Science in Technology, D.Sc. (Tech.)
- Doctor of Social Sciences, D.Soc.Sc.
- Doctor of Science in Economics and Business Administration, D.Sc. (Econ. & Bus. Admin.)
- Doctor of Philosophy, Ph.D.

APPLICATION PERIODS

Bachelor's programmes:

- Rolling admission in all programmes **1 November 2025–31 March 2026**

Master's programmes:

- Early admission in most programmes **1–8 October 2025**
- Regular admission in all programmes **15 December 2025–21 January 2026**

Doctoral programmes:

- year-around

APPLY TO OUR PROGRAMMES

Start the application process by acquainting yourself with the programmes available and choosing the one most suitable for you.
Apply to all programmes at studyinfo.fi.

BACHELOR'S PROGRAMMES

Choose from technology or business bachelor's programmes.
Each programme is 180 ECTS credits, and you will graduate within three academic years.

All bachelor's programmes are on-campus. After completing the bachelor's degree at LUT, you will be entitled to continue your studies in an LUT master's programme in your chosen field of specialisation either directly or through separate admission.

Rolling admission
Complete the online application form during the rolling admission period and submit the required documents.
» **Apply 1 November 2025–31 March 2026**

Eligibility
Degrees completed in Finland:
upper secondary degree or vocational qualification + OMPT

Degrees completed outside of Finland:
upper secondary degree + language test or SAT/OMPT

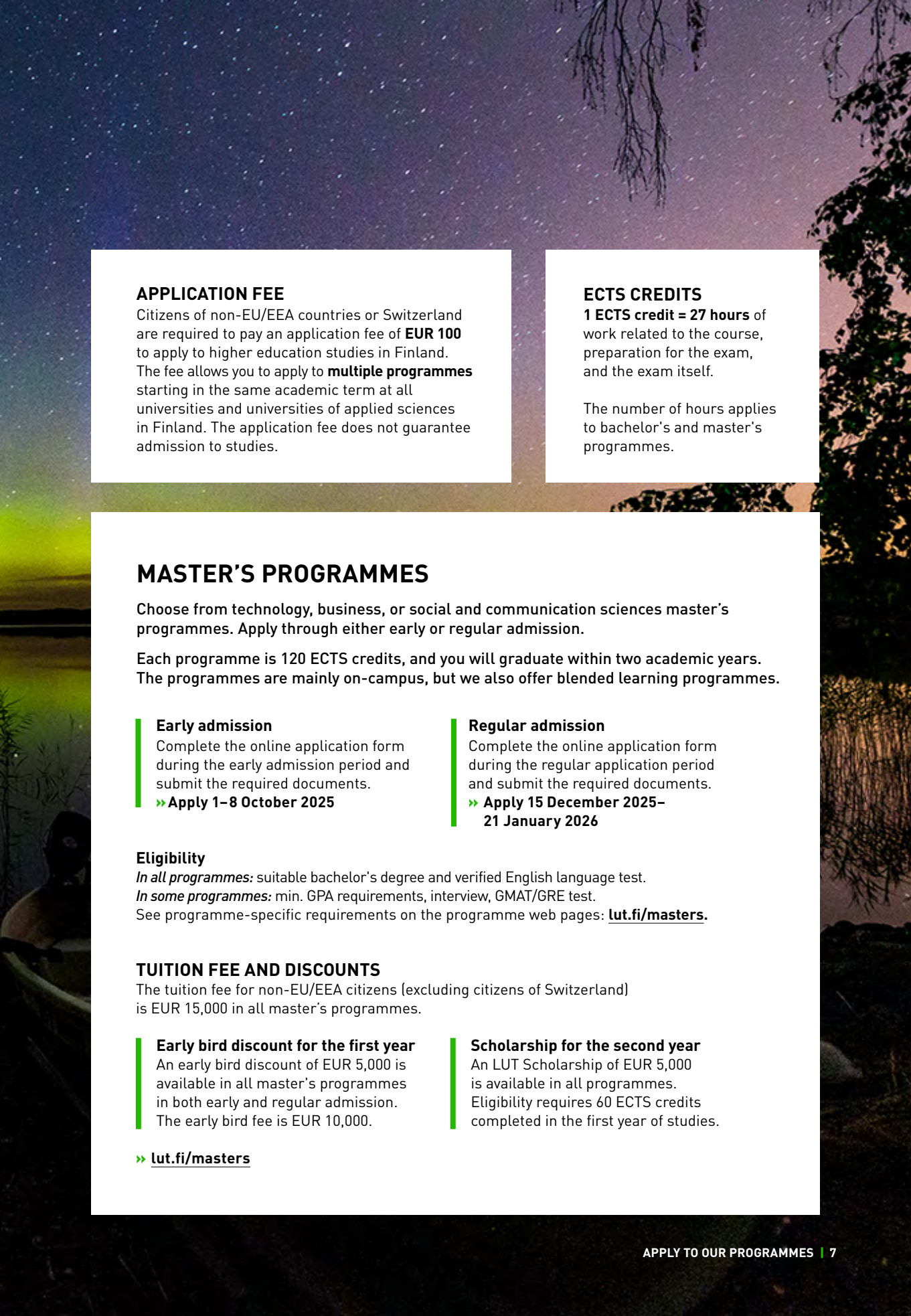
TUITION FEES AND DISCOUNTS

The tuition fee for non-EU/EEA citizens (excluding citizens of Switzerland) is EUR 12,000 in all bachelor's programmes.

Early bird discount
An early bird discount of EUR 2,000 is available for first-year students in other than double degree programmes. The early bird fee for the first year is EUR 10,000.

Scholarships
Scholarships of EUR 3,000 are available for the second and third years in other than double degree programmes and for all three years in double degree programmes (but not during the application period).

» **lut.fi/bachelors**



APPLICATION FEE

Citizens of non-EU/EEA countries or Switzerland are required to pay an application fee of **EUR 100** to apply to higher education studies in Finland. The fee allows you to apply to **multiple programmes** starting in the same academic term at all universities and universities of applied sciences in Finland. The application fee does not guarantee admission to studies.

ECTS CREDITS

1 ECTS credit = 27 hours of work related to the course, preparation for the exam, and the exam itself.

The number of hours applies to bachelor's and master's programmes.

MASTER'S PROGRAMMES

Choose from technology, business, or social and communication sciences master's programmes. Apply through either early or regular admission.

Each programme is 120 ECTS credits, and you will graduate within two academic years. The programmes are mainly on-campus, but we also offer blended learning programmes.

Early admission
Complete the online application form during the early admission period and submit the required documents.
» **Apply 1–8 October 2025**

Regular admission
Complete the online application form during the regular application period and submit the required documents.
» **Apply 15 December 2025–21 January 2026**

Eligibility
In all programmes: suitable bachelor's degree and verified English language test.
In some programmes: min. GPA requirements, interview, GMAT/GRE test.
See programme-specific requirements on the programme web pages: **lut.fi/masters.**

TUITION FEE AND DISCOUNTS

The tuition fee for non-EU/EEA citizens (excluding citizens of Switzerland) is EUR 15,000 in all master's programmes.

Early bird discount for the first year
An early bird discount of EUR 5,000 is available in all master's programmes in both early and regular admission. The early bird fee is EUR 10,000.

Scholarship for the second year
An LUT Scholarship of EUR 5,000 is available in all programmes. Eligibility requires 60 ECTS credits completed in the first year of studies.

» **lut.fi/masters**

STUDENT SERVICES

LUT University's Student Services offer a number of support services to help you succeed in your studies.

ORIENTATION DAYS

Taking your first steps as a new student in a foreign country can be overwhelming and confusing: you are in a new environment, facing a new culture and way of learning. At LUT, we want to make sure you have all the information you need before starting your studies.

You will participate in orientation at the end of August during which you will connect with your fellow students, immerse yourself in this new experience, and get to know your new surroundings and the resources available to you. Orientation is a series of introductory events, activities, city tours, and information sessions held before the start of the semester.

» **lut.fi/starting-studies**

TUTORING SERVICES

All new students at LUT are assigned a peer tutor. The tutor will help you to settle in, find your way around the campus and the city, and make you feel a little more at home.

» **lut.fi/starting-studies**

STUDY GUIDANCE

Making a study plan and keeping up with it is important. Our study counsellors and student advisors will help and guide you in matters related to your studies.

» **lut.fi/study-guidance**

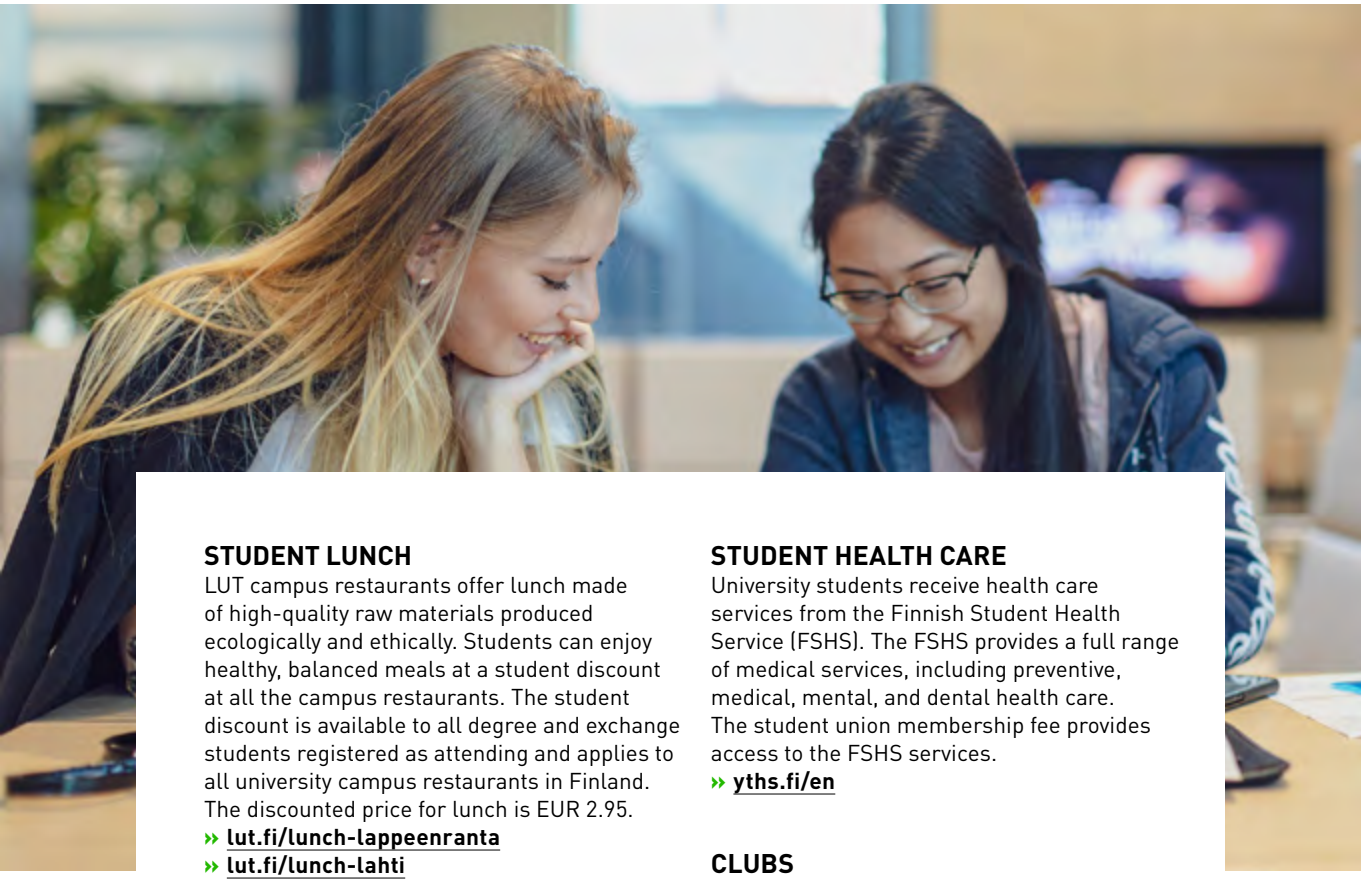
CAREER SERVICES

You will start to prepare for a successful career from your first weeks at the university. Your own teacher tutor and our Career Services will guide you on the path towards your career goals.

We will help you on your professional development journey, starting from cultivating self-awareness, learning how the Finnish labour market works, and developing your job hunting skills and tools.

The university also hosts recruitment events for employers to provide you the best possible setting for networking.

» **lut.fi/career-services**



STUDENT LUNCH

LUT campus restaurants offer lunch made of high-quality raw materials produced ecologically and ethically. Students can enjoy healthy, balanced meals at a student discount at all the campus restaurants. The student discount is available to all degree and exchange students registered as attending and applies to all university campus restaurants in Finland. The discounted price for lunch is EUR 2.95.

» **lut.fi/lunch-lappeenranta**
» **lut.fi/lunch-lahti**

SPORTS AND WELL-BEING

Finland greatly values a work–life balance, and this applies also at LUT. Moveo offers LUT students sports and well-being services at an affordable price. The student sports pass costs EUR 30 per semester and provides access to a wide variety of activities and facilities, from a top-of-the-line gym to group fitness classes and ball game courts. The autumn semester pass is valid until the end of January and the spring semester pass until the end of August.

» **lut.fi/moveo**

STUDENT HEALTH CARE

University students receive health care services from the Finnish Student Health Service (FSHS). The FSHS provides a full range of medical services, including preventive, medical, mental, and dental health care. The student union membership fee provides access to the FSHS services.

» **yths.fi/en**

CLUBS

Take a break from your studies every now and then and make time for your hobbies. The LUT University Student Union LTKY offers a wide range of clubs for you to join.

» **lut.fi/clubs**

ACADEMIC LIBRARY

At the LUT Academic Library, you can borrow printed books and journals or access databases, e-books, and e-journals. The LUT Academic Library operates on the Lappeenranta and Lahti campuses. All students are automatically registered as library customers and have access to e-materials.

» **lut.fi/library**

World's
HAPPIEST COUNTRY

Finland has been named the happiest country in the world for the eighth year in a row, according to the World Happiness Report.

Finland is a land of countless lakes, forests, fells, and archipelagos – it is one the most extensive and unspoiled natural environments in Europe. The country has the world's largest archipelago and Europe's largest lake district and last untamed wilderness – Lapland. Finland is a thriving Nordic country that aims to be carbon neutral by 2035. It has the cleanest air in the world, because the country is situated far from large sources of pollution and has successfully cut back on its own emissions. Finland has four very distinct seasons – temperatures may vary between -35°C and +35°C.

On the global scale, Finland is a small country. Its population makes up barely 0.07 per cent of the world's population and its land area as much of the world's total area. However, even a small country can become a world leader, and this is what Finland has done: in international comparisons, Finland is often among the top nations along with other Nordic countries.

More information:
» visitfinland.com

FINLAND

- » is one of the world's top 10 most innovative and technologically advanced countries
- » has one of the highest proportions of renewable energy consumption in the EU
- » is one of the world's most stable countries
- » is one of the least corrupt countries
- » is one of the world's most gender-equal country
- » is one of the safest countries in the world

FACTS

Capital:
Helsinki
Official languages:
Finnish and Swedish
Population:
5.5 million
Government:
Parliamentary democracy
Currency:
Euro (€)

LAPPEENRANTA campus

Our campus in Lappeenranta is located in the district of Skinnarila.

LUT's modern campus offers a compact combination of all the services students need. The campus has excellent sports and recreational facilities. Lake Saimaa and its surroundings provide ample opportunities for outdoor activities. Most student apartments are located within walking distance of the university. The university offers everything from laboratories to library services and from restaurants to health care – literally under one roof.

The Lappeenranta campus offers six bachelor's and 22 master's programmes in English.

» **lut.fi/studying-lappeenranta**

LAHTI campus

Our Lahti campus is located in the district of Niemi, three kilometres from the centre of Lahti.

The campus is a next-generation learning environment in a former factory building. Mixing the old and the new provides a unique and inspiring setting for learning and work. Lahti is in the intersection of highways and railway connections, which makes the city easily accessible. The campus provides students with everything they need: a library, lunch, sport locations near-by accommodation.

The Lahti campus offers four bachelor's and seven master's programmes in English.

» **lut.fi/studying-lahti**

KOUVOLA regional unit

The Kouvola unit is located in the city centre in a former shopping centre.

The building houses educational organisations, business support services, and companies, making it an excellent platform for networking. The regional unit's main areas of expertise are technology and business innovations, railway logistics, and food processing technology. The city of Kouvola enjoys convenient transport connections to all parts of Finland.
The unit offers two master's programmes in English: *Innovation and Logistics, Food Processing Technology.*

» **lut.fi/studying-kouvola**

MIKKELI regional unit

The regional unit in Mikkeli operates at two locations near the city centre.

Biological water treatment, a large algae laboratory, and comprehensive analytical capabilities are the unit's specialties. The modern separation science laboratories are utilised for practical master's-level studies. In Mikkeli, students have everything they need, from lunch restaurants to sports facilities, not to mention the beautiful nature.
The unit offers one master's programme in English: *Water Technology.*

» **lut.fi/studying-mikkeli**

STUDENT ACCOMMODATION

LUT University offers high-quality yet affordable student accommodation on its campuses and in its regional units. Finding a student apartment is easy – there's ample availability in the cities where LUT operates.

Lappeenranta campus
In Lappeenranta, you can submit an application for student accommodation with the Student Housing Foundation for the Region of Lappeenranta LOAS.

LOAS apartments are regularly maintained and in good condition. Most of them are located near the university, but some are also available in the city centre.

- 3000 student apartments
- Average rent for a shared apartment for two or three persons EUR 300/month/person
- Average rent for a studio EUR 400/month

Rent in most of the housing sites includes internet, use of the laundry room and sauna, water, and electricity. In some buildings, tenants pay for water and electricity according to consumption. You can also book the sauna for private use.

You can also apply for rental apartments owned by the city or ones available through private rental services; the rents are reasonable across the board.

- **loas.fi/en**

Kouvola regional unit
You can submit an application for student accommodation with Kouvolan Asunnot Oy, which owns four apartment complexes for students. Most of the apartments are unfurnished, but some furnished ones are also available, and they are reserved primarily for international students.

Kouvolan Asunnot Oy offers shared apartments for two or three persons. In all student apartments, water, electricity, heating, an internet connection, and the use of the laundry room and sauna are included in the rent.

Additionally, there are some family apartments available for families and couples. You can apply for family apartments when one spouse is enrolled as a student.

- **kouvolanasunnot.fi/en**

Lahti campus
In Lahti, you can submit an application for student accommodation with Lahden Talot. Student apartments are located in or near the city centre close to transport connections.

The apartments are in good condition and maintained regularly.
- 7000 student apartments
- Rent for a studio varies from EUR 285 to EUR 720/month
- Rent for a shared apartment for two or three persons varies from EUR 265 to EUR 380/month/person

Rent in most of the housing sites includes internet, use of the laundry room and sauna, water, and electricity.

You can also apply for rental apartments owned by the city or ones available through private rental services; the rents are reasonable across the board.

» **lahdentalot.fi**

Mikkeli regional unit
You can submit an application for student accommodation with Mikalo. The apartments are in good condition and regularly maintained by Mikalo's own maintenance team. The most affordable housing option is shared apartments, which can be found at several locations.

Mikalo offers 762 student apartments, including studios, one-bedroom, and two-bedroom apartments. Rent varies from EUR 220 to EUR 350/month.

The rent includes internet, water, electricity, and use of the laundry room and a shared sauna. In some units, tenants pay for electricity according to consumption.

Furnished apartments are available, and their rent includes a bed, a mattress, a desk, a chair, a kitchen table and chairs, a microwave, a fridge, and a stove.

» **mikalo.fi/en**

TECHNOLOGY

Technology programmes at LUT respond to the rapidly growing need for sustainable technology solutions in modern industry.

LUT's technology graduates are experts in technological and economic development and sustainable well-being. Specialists in technology are constantly in demand.

Our studies focus on issues that require global action, such as climate change and the availability of clean water and energy.

With the wide range of ongoing technological advancements, we have a variety of technology-related programmes to suit your interests.

You can find programmes in the following fields:

- applied physics
- chemical engineering
- computational engineering
- electrical engineering
- energy technology
- environmental technology
- industrial engineering and management
- mechanical engineering
- software engineering

Technology programmes at LUT enable you to become an expert in the multidisciplinary fields of engineering with a wide range of career possibilities.

We offer bachelor's, master's, and doctoral programmes in technology.

Our passion is to provide engineering solutions for a sustainable world. Our research and education are striving for sustainable technologies and innovations in various fields of engineering.

Olli Pyrhönen
Dean, LUT School of Energy Systems

Why study technology at LUT?

1. WORLD-CLASS LABORATORIES: Our laboratories, teaching facilities, and learning hubs are designed to help you get the most out of your learning experience. They incorporate the latest technology and equipment and allow interactive study, research, and collaboration.

2. CLIMATE ACTION: Our studies focus on technology that enables us to achieve carbon neutrality and climate targets.

3. J. HYNEMAN CENTER PROTOTYPING LAB: Students can create and try new ideas and test prototypes in our famous J. Hyneman Center (JHC), which is located on the Lappeenranta campus.

Bachelor's Programme in

CHEMICAL AND PROCESS ENGINEERING

Address challenges related to sustainable production and the circular economy.

- Learn how to create circular economy solutions and ensure the sustainable use of natural resources.
- Understand chemical reactions, changes in the state of substances, mixing and flows, and the most common analysis and measurement methods in process development.
- Gain experience in managing product development, operational tasks, process safety, and quality control.

Degree: Bachelor of Science in Technology
Duration: 3 years
Language: English
Credits: 180 ECTS credits
Location: Lappeenranta campus
Tuition fee: EUR 12,000/year for non-EU/EEA citizens. No fee for EU/EEA citizens.
Early bird and scholarships: available

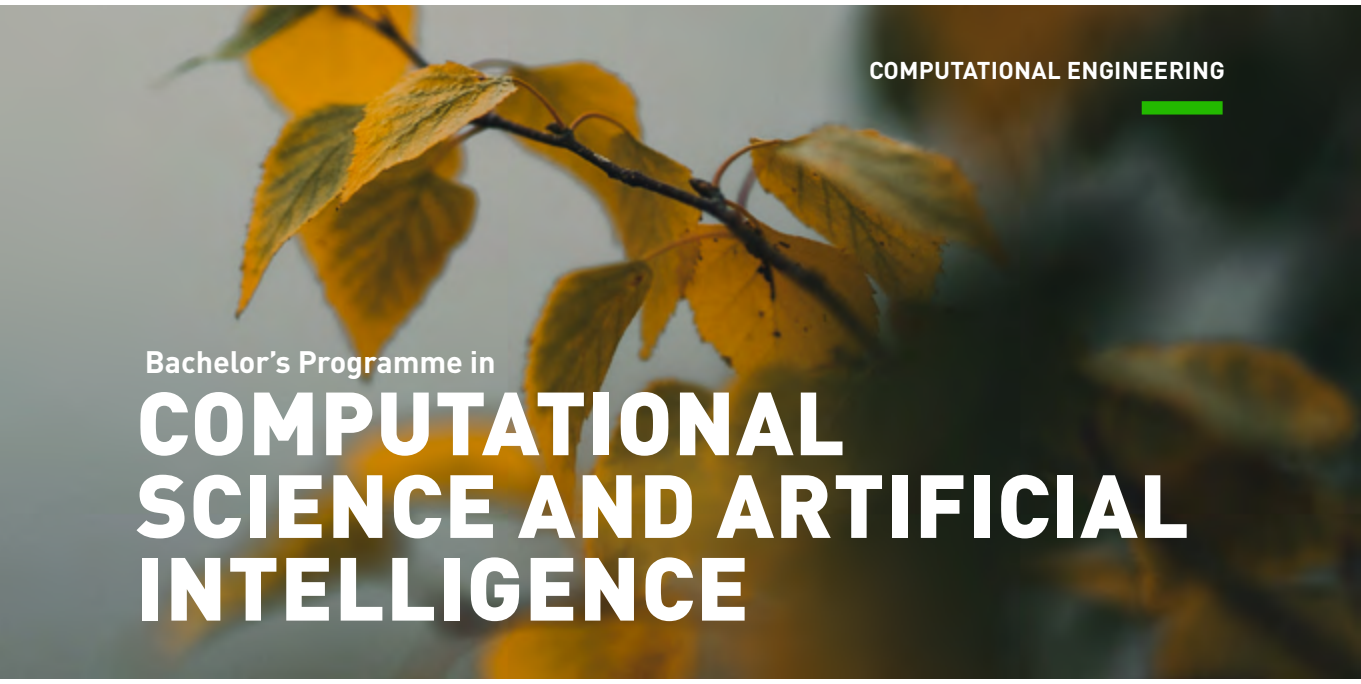
PROGRAMME CONTENT

- **General studies**
  basics of chemistry, natural sciences, technology, basic chemical and process engineering
- **Intermediate specialisation studies**
  chemical and process engineering in green energy production, energy storage, biomass and raw material utilisation, the recovery of metals and minerals, water purification, food industry processes
- **Minor studies**
  business or social sciences
- **Language and communication studies**
  any language studies offered at LUT
- **Bachelor's thesis**

Job options for graduates:

- Process designer in the chemical industry
- Forensic engineer in the National Bureau of Investigation
- Environmental protection specialist
- Project manager in the forest industry
- Development engineer in the food industry

Read more about the programme:
- lut.fi/bsc-chemical-eng



Bachelor's Programme in

COMPUTATIONAL SCIENCE AND ARTIFICIAL INTELLIGENCE

Become an expert in solving real-world problems with algorithms.

- Acquire strong knowledge of mathematics and computer science.
- Learn to understand the principles of statistical data analysis, machine learning, and artificial intelligence.
- Learn to describe and solve real-world problems with algorithms.

Degree: Bachelor of Science in Technology
Duration: 3 years
Language: English
Credits: 180 ECTS credits
Location: Lappeenranta campus
Tuition fee: EUR 12,000/year for non-EU/EEA citizens. No fee for EU/EEA citizens.
Early bird and scholarships: available

PROGRAMME CONTENT

- **General studies**
  foundations of mathematics, statistics and computer science, introduction to programming
- **Intermediate specialisation studies**
  artificial intelligence, machine learning, matrix calculus, optimisation, partial differential equations
- **Minor studies**
  software engineering, energy systems, industrial engineering and management
- **Language studies**
  Finnish, English
- **Bachelor's thesis**

Job options for graduates:

- Entrepreneur in sawmill industry digitalisation
- CEO of an industrial machine vision company
- AI product developer
- Product developer for medical imaging devices
- Computer vision developer in an environmental monitoring company

Read more about the programme:
lut.fi/bsc-computational-eng

Double degree | Bachelor's Programme in

ELECTRICAL ENGINEERING

Become an expert in the global energy transition towards sustainability.

- Examine the production, transmission, distribution, and use of electricity.
- Search for solutions related to renewable energy, electrical machines, electronics, and control engineering.
- Play a key role in mitigating climate change and addressing societal challenges.

This is a double degree programme with Hebei University of Technology (HEBUT), China. You will complete the entire degree in Lappeenranta, Finland.

Degree: double degree from LUT and HEBUT, Bachelor of Science in Technology
Duration: 3 years
Language: English
Credits: 180 ECTS credits
Location: Lappeenranta campus
Tuition fee: EUR 12,000/year for non-EU/EEA citizens. No fee for EU/EEA citizens.
Scholarships: available

PROGRAMME CONTENT

- **General studies**
  mathematics, physics, engineering design, mechanics, electronics, control systems, programming and electricity
- **Intermediate specialisation studies**
  power systems, electrical drives, electrical circuits, digital electronics, mechatronics, embedded systems, EMC
- **Minor studies (select one)**
  energy economics, practical engineering, innovation, and entrepreneurship, sustainability science, Study Finnish – Live and Work in Finland, Chinese business, culture, and technology
- **Language studies**
  Chinese, Finnish, and English
- **Elective studies**
  any courses at LUT
- **Bachelor's thesis**

Job options for graduates:

- Project engineer
- Testing and automation engineer
- Design engineer
- Technical sales engineer
- Electricity company engineer

Read more about the programme:
- **lut.fi/bsc-elec-eng**

Double degree | Bachelor's Programme in

ENERGY TECHNOLOGY

Find future technological solutions for safe, economical, and sustainable energy.

- Find out how to convert natural energy resources such as water, wind, or biomass into sustainable energy for human consumption as efficiently as possible.
- Examine the production, transmission, distribution, and use of energy.
- Assess how energy production affects the environment, the economy, and society.

This is a double degree programme with Hebei University of Technology (HEBUT), China. You will complete the entire degree in Lahti, Finland.

Degree: double degree from LUT and HEBUT, Bachelor of Science in Technology
Duration: 3 years
Language: English
Credits: 180 ECTS credits
Location: Lahti campus
Tuition fee: EUR 12,000/year for non-EU/EEA citizens. No fee for EU/EEA citizens.
Scholarships: available

PROGRAMME CONTENT

- **General studies**
  mathematics, physics, engineering design, mechanics, control systems, programming and electricity
- **Intermediate specialisation studies**
  thermodynamics, heat transfer, nuclear power engineering, power plant engineering and energy economics
- **Minor studies**
  energy economics, sustainability science, innovation and entrepreneurship, Finnish language and culture, and Chinese business, culture, and technology
- **Language studies**
  Chinese, Finnish, and English
- **Elective studies**
  any courses at LUT
- **Bachelor's thesis**

Job options for graduates:

- Sales representative, sales engineer
- Strategic, purchasing, or manufacturing assistant
- Maintenance technician
- Technical support

Read more about the programme:
- lut.fi/bsc-energy-tech

Bachelor's Programme in

INDUSTRIAL ENGINEERING AND MANAGEMENT

Become an expert in building bridges between technology and business.

- Understand an organisation's business and production processes, operating models, and personnel management in a contemporary business environment.
- Apply technical problem-solving skills to the analysis and management of business operations in an increasingly digital industry environment.
- Recognise opportunities to start your own business.
- Analyse challenges involving sustainable business models and find ways to address them.

Degree: Bachelor of Science in Technology
Duration: 3 years
Language: English
Credits: 180 ECTS credits
Location: Lahti campus
Tuition fee: EUR 12,000/year for non-EU/EEA citizens. No fee for EU/EEA citizens.
Early bird and scholarships: available

PROGRAMME CONTENT

- **General studies**
  financial accounting, product and service development, industrial marketing, project management, performance management, software engineering, mathematics, physics, languages and communication
- **Intermediate specialisation studies**
  data analytics, supply chain management, innovation management, product life cycle management, foundations of finance, inventive design and creativity, entrepreneurship, networks and ecosystems, patenting and standardisation, user-centric engineering
- **Minor studies**
  software engineering, energy technology
- **Elective studies**
  any courses at LUT
- **Bachelor's thesis**

Job options for graduates:

- Development and operations manager
- Business controller
- Investment analyst
- Marketing analyst
- Solution design owner
- Digital development lead
- Logistics manager
- Sales manager
- Supply chain and availability expert
- Quality and risk manager
- Life cycle service manager

Read more about the programme:
- lut.fi/bsc-ind-eng

Double degree | Bachelor's Programme in

MECHANICAL ENGINEERING

Become an expert in sustainable product and system development.

- Examine and apply modern design and manufacturing processes to provide effective and sustainable solutions.
- Utilise both digital and virtual design environments to solve today's industrial problems and come up with innovative solutions.
- Explore and evaluate cutting-edge engineering using metal structural design and applications, robotic welding, mechatronics, and mechanics.

This is a double degree programme with Hebei University of Technology (HEBUT), China. You will complete the entire degree in Lappeenranta, Finland. The programme has a EUR-ACE label and ASIIN accreditation.

PROGRAMME CONTENT

- **General studies**
  mathematics, physics, engineering design, mechanics, materials, control systems and programming
- **Intermediate specialisation studies**
  mechatronics, robotics, production engineering, FE analysis, machine design and principles, manufacturing
- **Minor studies**
  energy economics, sustainability science, Finnish language and culture, and Chinese business, culture, and technology
- **Language studies**
  Chinese, Finnish, and English
- **Elective studies**
  any courses at LUT
- **Bachelor's thesis**

Degree: double degree from LUT and HEBUT, Bachelor of Science in Technology
Duration: 3 years
Language: English
Credits: 180 ECTS credits
Location: Lappeenranta campus
Tuition fee: EUR 12,000/year for non-EU/EEA citizens. No fee for EU/EEA citizens.
Scholarships: available

Job options for graduates:

- Virtual designer
- Design engineer
- Production engineer
- Quality control engineer
- Welding and metal industry expert

Read more about the programme:
- lut.fi/bsc-mechanical-eng

Double degree | Bachelor's Programme in

SOFTWARE AND SYSTEMS ENGINEERING

Tackle challenges with software engineering.

- Use your programming skills to address future challenges such as digitalisation or new needs of the business world.
- Solve organisational and societal problems by introducing new software services, products, or systems to assist or inform people.
- Design software solutions that will make things faster, less expensive, and more efficient for us in the future.

This is a double degree programme with Hebei University of Technology (HEBUT), China. You will complete the entire degree in Lahti, Finland.

Degree: double degree from LUT and HEBUT, Bachelor of Science in Technology
Duration: 3 years
Language: English
Credits: 180 ECTS credits
Location: Lahti campus
Tuition fee: EUR 12,000/year for non-EU/EEA citizens. No fee for EU/EEA citizens.
Scholarships: available

PROGRAMME CONTENT

- **General studies**
  software engineering, introduction to programming, project management, principles of C programming, mathematics
- **Intermediate specialisation studies**
  object-oriented programming, user interfaces and usability, web programming, software testing, smart systems, capstone project, cyber security
- **Minor studies**
  sustainability science, practical engineering, innovation and entrepreneurship, technology in China, industrial engineering and management, Finnish language and culture
- **Language studies**
  English, Finnish, Chinese
- **Elective studies**
  any courses at LUT
- **Bachelor's thesis**

Job options for graduates:

- Software developer
- Requirements engineer
- Database administrator
- User experience specialist

Read more about the programme:
lut.fi/bsc-software-eng

MECHANICAL ENGINEERING, ELECTRICAL ENGINEERING, ENERGY TECHNOLOGY, ENVIRONMENTAL TECHNOLOGY

Bachelor's Programme in

TECHNOLOGY AND ENGINEERING SCIENCE

Become an expert in multidisciplinary fields of engineering.

- Come up with innovative ways to address global sustainability challenges.
- Learn to use materials to prevent social and environmental harm.
- Integrate studies in mechanical engineering, electrical engineering, energy technology, and environmental technology.

The programme has a EUR-ACE label and ASIIN accreditation.

Degree: Bachelor of Science in Technology
Duration: 3 years
Language: English
Credits: 180 ECTS credits
Location: Lappeenranta campus
Tuition fee: EUR 12,000/year for non-EU/EEA citizens. No fee for EU/EEA citizens.
Early bird and scholarships: available

PROGRAMME CONTENT

- **General studies**
  mathematics and physics, engineering mechanics, engineering thermodynamics, 3D modelling and technical documentation, engineering design, circular economy, climate solutions

- **Intermediate specialisation studies**
  In the second year, you will specialise in one of four fields.
  Electrical engineering: laboratory course, digital design, embedded systems, mechatronics
  Energy technology: machines and processes in energy technology, power plant engineering, laboratory courses
  Environmental technology: sustainable system transition, environmental claims, sustainable cities, life cycle assessment
  Mechanical engineering: mechatronics, FE analysis, engineering mechanics, robotics

- **Language studies**
  Finnish and English

- **Elective studies**
  any courses at LUT

- **Bachelor's thesis**

Job options for graduates:

- Emissions expert
- Sustainability specialist
- Testing and automation engineer
- Electricity grid specialist

Read more about the programme:
- **lut.fi/bsc-tech-eng**

SOLVE REAL-WORLD PROBLEMS

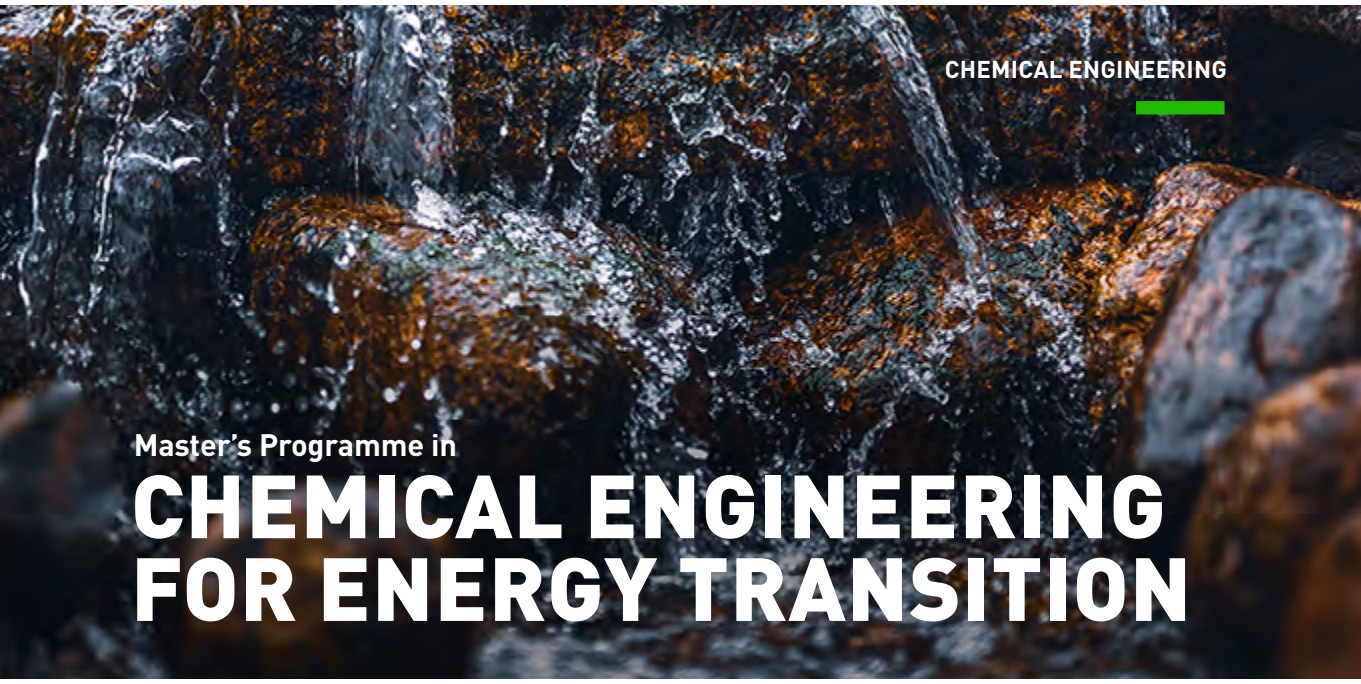
Chemical engineering today is facing new challenges and opportunities. To mitigate global warming, fossil resources need to be replaced by renewable ones. That is an enormous task, but also a great opportunity for chemical engineers since new processes and products need to be developed.

Our chemical engineering programmes are for you if you want to innovate in chemical engineering to tackle environmental challenges related to carbon emissions and global warming, the availability of clean water and raw materials, and sustainable food processes.

Studying chemical engineering offers a path to an impactful career in a variety of industries and the opportunity to solve real-world problems.

> Chemical engineering today is facing new challenges and opportunities.

Miia John
Post-doctoral Researcher,
LUT University



Master's Programme in

CHEMICAL ENGINEERING FOR ENERGY TRANSITION

Focus on a carbon-neutral chemical industry.

- Become an expert in intensified cost- and energy-saving processes.
- Learn how to design and develop processes that turn renewable power into carbon-neutral fuels and chemicals.
- Learn how to work in process design project teams.

The programme offers a possibility for double degree studies.
It has a EUR-ACE label and ASIIN accreditation.

Degree: Master of Science in Technology
Duration: 2 years
Language: English
Credits: 120 ECTS credits
Location: Lappeenranta campus
Tuition fee: EUR 15,000/year for non-EU/EEA citizens. No fee for EU/EEA citizens.
Early bird and scholarship: available

PROGRAMME CONTENT

- **Core studies**
  research methodology, internship

- **Advanced specialisation studies**
  Compulsory studies: reactor modelling, fluid dynamics, advanced process simulation, process intensification, gas treatment, product and process design.
  Alternative studies: process simulation and monitoring applications, biorefineries, bioenergy technologies, chemical separation methods, circular economy, Power-to-X, electrochemistry

- **Elective studies**
  any courses at LUT

- **Master's thesis**

Job options for graduates:

- Research and development specialist
- Design and project engineer
- Production engineer and manager
- Environmental and safety engineer

Read more about the programme:
- **lut.fi/chemical-eng**

CHEMICAL ENGINEERING

Master's Programme in

FOOD PROCESSING TECHNOLOGY

Learn about processing technologies in food manufacturing.

- Obtain scientific and technological knowledge for a career as a chemical engineer in the food processing industry or equipment manufacture.
- Create new sustainable solutions as a response to major global challenges in food technologies.
- Develop knowledge of the modern and future food processing technologies.

Degree: Master of Science in Technology
Duration: 2 years
Language: English
Credits: 120 ECTS credits
Location: Kouvola unit
Tuition fee: EUR 15,000/year for non-EU/EEA citizens. No fee for EU/EEA citizens.
Early bird and scholarship: available

PROGRAMME CONTENT

- **Core studies**
  introduction to food processes, laboratory safety and research methodology

- **Advanced specialisation studies**
  Compulsory studies: food processing technologies, microbiology, fermentation, analysis and characterisation methods and a project work course in food processes
  Alternative studies: different unit operations, such as extraction, powder processes, mixing and solid–liquid separation, the circular economy, process simulation, modelling and wastewater treatment

- **Elective studies**
  any courses at LUT

- **Master's thesis**

Job options for graduates:

- Process engineer
- Laboratory manager
- Development engineer in the food industry or manufacturing and technology companies focusing on food processes

Read more about the programme:
lut.fi/food-tech

Master's Programme in

WATER TECHNOLOGY

Focus on sustainable water treatment and water reuse.

- Become an expert in novel, sustainable materials and technologies for water treatment.
- Learn about advanced water treatment technologies, covering conventional water purification, advanced oxidation, and various separation methods.
- Acquire the latest knowledge about chemical engineering in water treatment.

The programme has a EUR-ACE label and ASIIN accreditation.

Degree: Master of Science in Technology
Duration: 2 years
Language: English
Credits: 120 ECTS credits
Location: Mikkeli unit
Tuition fee: EUR 15,000/year for non-EU/EEA citizens. No fee for EU/EEA citizens.
Early bird and scholarship: available

PROGRAMME CONTENT

- **Core studies**
  laboratory safety, research methodology

- **Advanced specialisation studies**
  Compulsory studies: sustainable water use, water treatment technologies, instrumental water analysis, solid-liquid separation, modelling of water treatment processes, research projects
  Alternative studies: precipitation, crystallisation, coagulation and flotation methods in water treatment, membrane technology, advanced materials in adsorption and ion exchange, solutions and electrochemistry

- **Elective studies**
  any courses at LUT

- **Master's thesis**

Job options for graduates:

- Research and development specialist
- Water treatment plant manager
- Water treatment specialist
- Environmental specialist
- Research scientist

Read more about the programme:
- **lut.fi/water-tech**

COMPUTATIONAL ENGINEERING

Master's Programme in

DATA-CENTRIC ENGINEERING

Become an expert in data-driven engineering and science.

- Gain deep understanding of data-centric engineering and uncertainty quantification or computer vision and pattern recognition.
- Understand physical phenomena and solve industrial and socio-economic problems cost-efficiently using computational tools.
- Specialise in simulating complex systems and improving their functionality or in creating algorithms transforming data into knowledge.

The programme offers a possibility for double degree studies.

PROGRAMME CONTENT

- **Advanced specialisation studies in one of three fields**
  Applied mathematics: inverse problems, computational statistics, numerical analysis, partial differential equations, and probabilistic machine learning
  Computer vision and pattern recognition: computer vision and machine vision, pattern recognition and data analytics based on machine learning, digital imaging, image processing and analysis
  Data science and artificial intelligence: data analysis, machine learning, simulation and modelling for business, industrial, environmental, and atmospheric applications

- **Minor studies**
  business analytics, software engineering and digital transformation, embedded systems and communications

- **Elective studies**
  any courses at LUT, incl. business and management studies

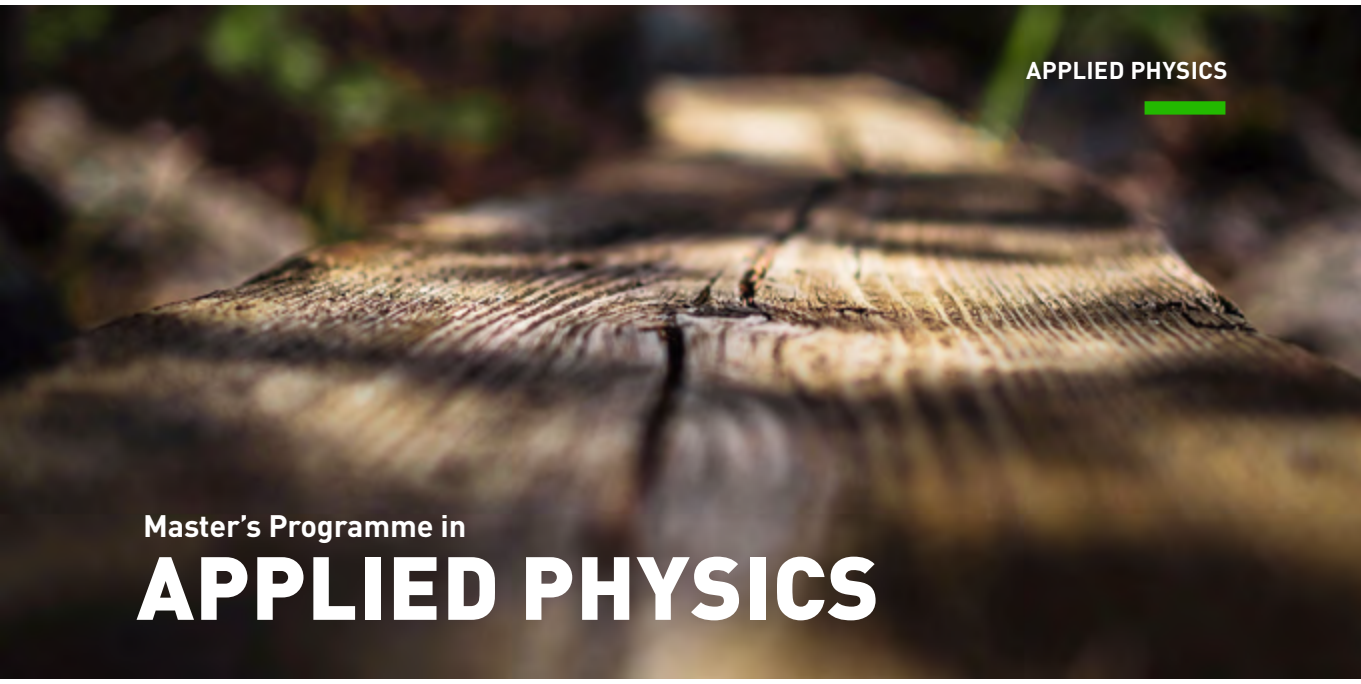
- **Master's thesis**

Degree: Master of Science in Technology
Duration: 2 years
Language: English
Credits: 120 ECTS credits
Location: Lappeenranta campus
Tuition fee: EUR 15,000/year for non-EU/EEA citizens. No fee for EU/EEA citizens.
Early bird and scholarship: available

Job options for graduates:

- Artificial intelligence and machine learning engineer
- Computer vision and pattern recognition specialist
- Modelling and simulation engineer in industry
- Academic positions

Read more about the programme:
lut.fi/data-centric-eng



Master's Programme in

APPLIED PHYSICS

Become an expert in applied, industrial, and experimental physics.

- Develop skills in applied physics focusing on semiconductor technology, smart materials, superconductors, experimental physics instrumentation, and computational physics, including data analysis of experiments.
- Learn the basic theory, problem-solving practices, and computational and experimental methods of applied physics.
- Utilise physics in various fields, including the development of clean energy, communication and information technologies, and health and environmental sciences.

Degree: Master of Science in Technology
Duration: 2 years
Language: English
Credits: 120 ECTS credits
Location: Lappeenranta campus
Tuition fee: EUR 15,000/year for non-EU/EEA citizens. No fee for EU/EEA citizens.
Early bird and scholarship: available

PROGRAMME CONTENT

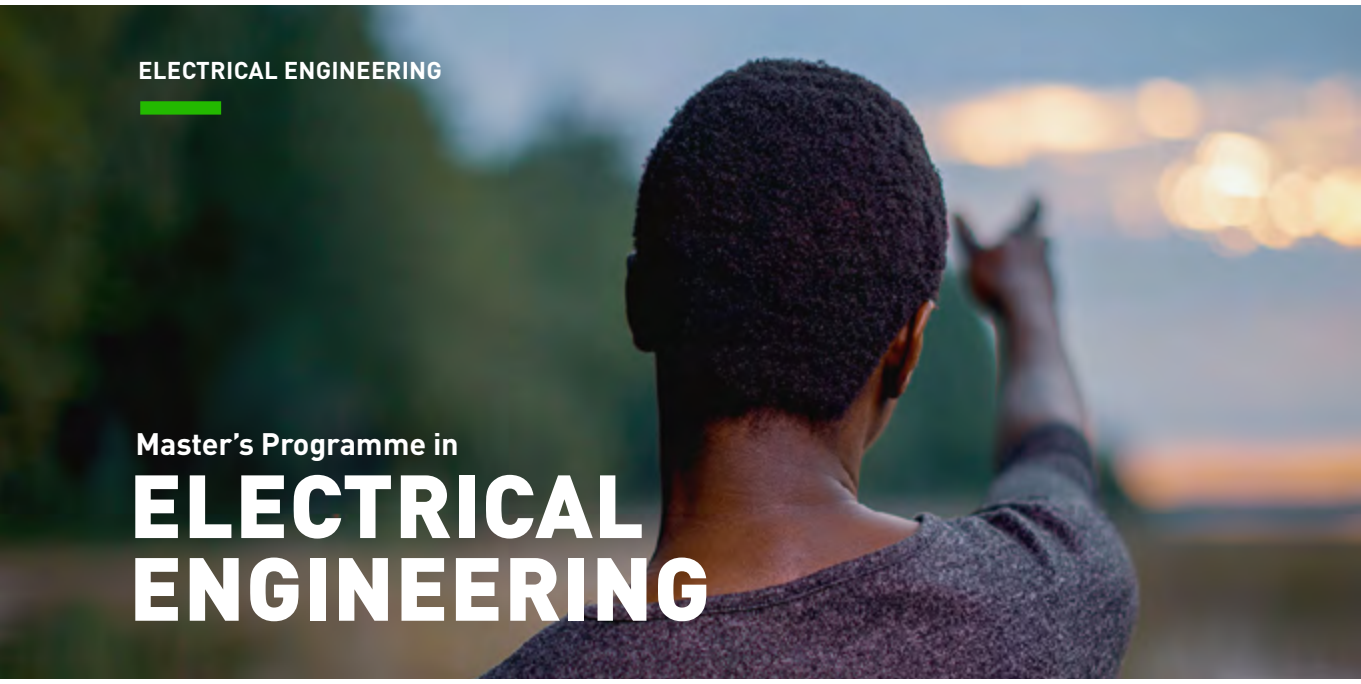
- **Advanced specialisation studies**
  semiconductors, superconductors, functional magnetic and magnetocaloric materials, nanostructures, microelectronics, optoelectronics, spintronics, quantum technologies, applied physics instrumentation, and data analysis in experimental physics
- **Minor studies**
  materials science, applied mathematics, data analytics and pattern recognition, renewable energy, and energy efficiency; you can also complete the minor subject during student exchange abroad upon application
- **Elective studies**
  any courses at LUT, including language or business and management courses
- **Master's thesis**

Job options for graduates:

- Physicist
- Project engineer
- Researcher
- R&D specialist

Read more about the programme:

- **lut.fi/applied-physics**



Master's Programme in

ELECTRICAL ENGINEERING

Be at the forefront of tomorrow's technological evolution.

- Electrical technology and electronics have a significant influence on all aspects of society. Our lives are deeply intertwined with them, and our reliance on electricity will increase in the future.
- Specialise in electrical drives, electronics, or control engineering, wireless communication, and automation.
- Delve into theory and apply it in our cutting-edge laboratories.

The programme offers a possibility for double degree studies. It has a EUR-ACE label and ASIIN accreditation.

Degree: Master of Science in Technology
Duration: 2 years
Language: English
Credits: 120 ECTS credits
Location: Lappeenranta campus
Tuition fee: EUR 15,000/year for non-EU/EEA citizens. No fee for EU/EEA citizens.
Early bird and scholarship: available

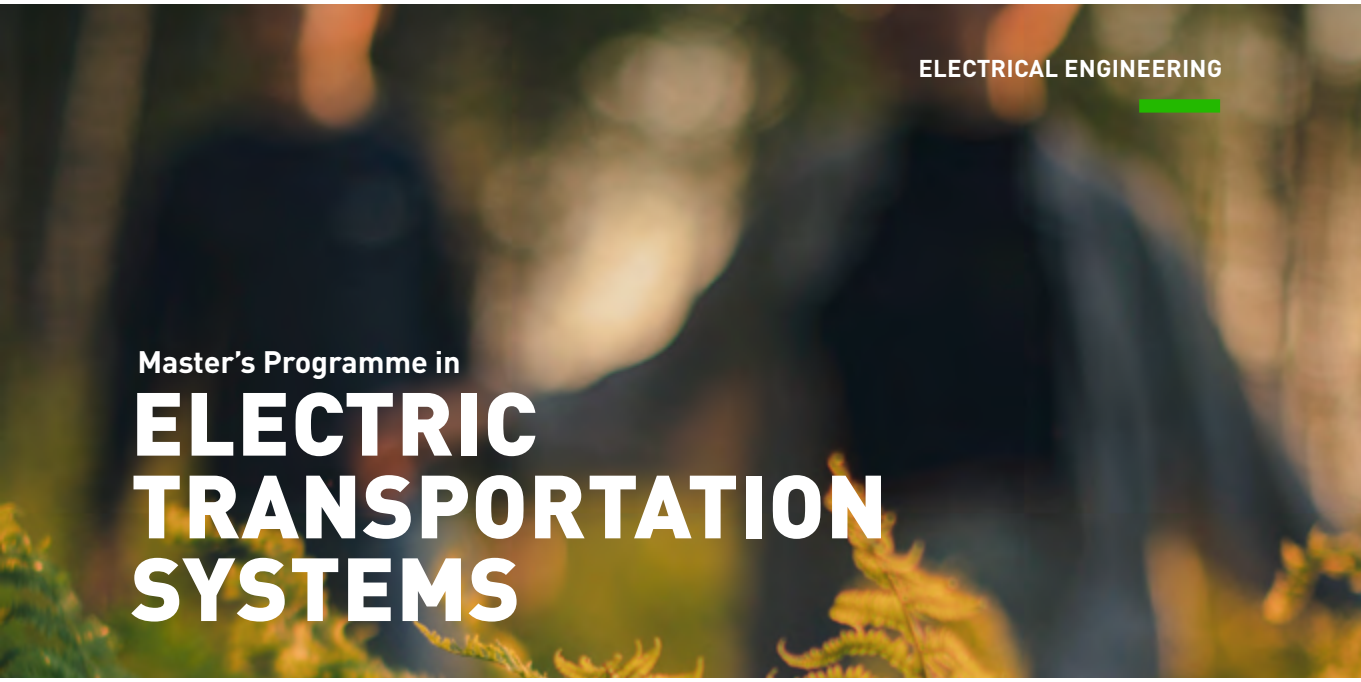
PROGRAMME CONTENT

- **Core studies**
  technology and society, energy efficiency, laboratories, power electronic converters, applied mathematics
- **Advanced specialisation studies, select one of the following**
  electronics; electrical drives and power electronics; control, communication, and automation
- **Minor studies**
  any minor at LUT
- **Elective studies**
  any courses at LUT, incl. language courses
- **Master's thesis**

Job options for graduates:

- Chief technology officer
- Test engineer
- Automation engineer
- Production development manager
- Sales manager
- Design engineer
- Researcher

Read more about the programme:
- lut.fi/electrical-eng



Master's Programme in

ELECTRIC TRANSPORTATION SYSTEMS

Get a profound understanding of electric transportation systems.

- Learn which technology solutions to apply to the development of future electric transportation systems.
- Acquire skills to compare different energy storage options and choose suitable ones for different applications.
- Learn to analyse the role and influence of electric vehicles in the energy system and the power and energy transmission of electric vehicles – from the grid to the drivetrain.
- Obtain knowledge of power electronics related to transportation systems and apply it to, for example, the development of flexible charging systems.

Degree: Master of Science in Technology
Duration: 2 years
Language: English
Credits: 120 ECTS credits
Location: Lahti campus
Tuition fee: EUR 15,000/year for non-EU/EEA citizens. No fee for EU/EEA citizens.
Early bird and scholarship: available

PROGRAMME CONTENT

- **Core studies**
  fundamentals of electric transportation systems, power electronic converters, applied mathematics, laboratory work
- **Advanced specialisation studies**
  energy markets, energy storages, electrical machines, electric drives and power electronics, embedded systems
- **Minor studies, select one of the following**
  mechanical engineering for electrified transportation systems, circular economy, industrial engineering and management, Finnish language and culture. Alternatively, you can study advanced topics in power electronics, electric and hybrid drivetrains, and wireless communication systems to complete your specialisation studies.
- **Elective studies**
  any courses at LUT
- **Master's thesis**

Job options for graduates:

- Application specialist
- Integration engineer
- Technical project manager
- Design engineer

Read more about the programme:

- **lut.fi/electric-transportation-systems**

ENERGY TECHNOLOGY

Master's Programme in

RENEWABLE POWER-TO-X ECONOMY

Become a professional in efficient energy use for a sustainable future.

- Specialise in Power-to-X conversion and the systems of a renewable electricity-based economy, including the solar and hydrogen economies.
- Learn to apply theories of electrical engineering to practical electrotechnical solutions.
- Explore electrochemical conversion and storage for efficient and sustainable energy systems.
- Get a new perspective on industrial and consumer-oriented energy products.

Degree: Master of Science in Technology
Duration: 2 years
Language: English
Credits: 120 ECTS credits
Location: Lappeenranta campus
Tuition fee: EUR 15,000/year for non-EU/EEA citizens. No fee for EU/EEA citizens.
Early bird and scholarship: available

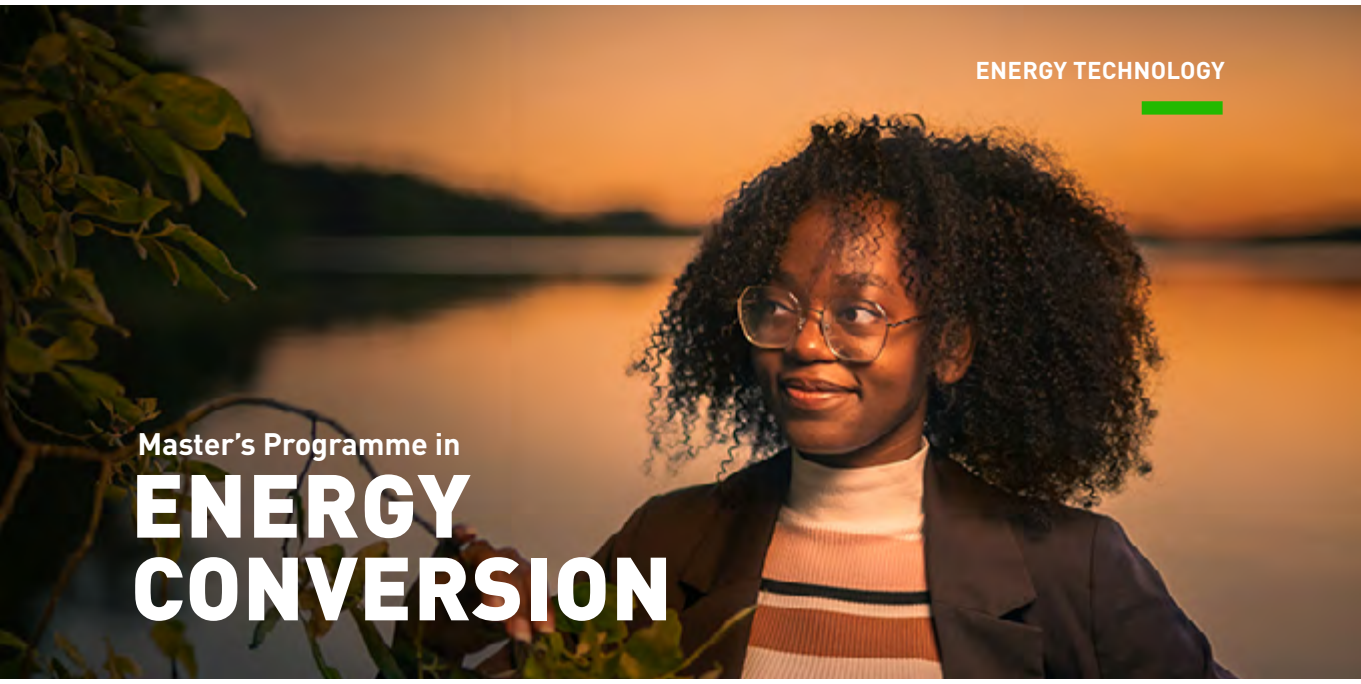
PROGRAMME CONTENT

- **Core studies**
  technology and society, energy efficiency, electrical engineering laboratories, power electronic converters, applied mathematics
- **Advanced specialisation studies**
  technology and society, energy efficiency, electrical engineering laboratories, power electronic converters, applied mathematics
- **Minor studies**
  any minor at LUT
- **Elective studies**
  any courses at LUT, incl. language courses
- **Master's thesis**

Job options for graduates:

- Technology and product development manager
- Process engineer
- Power-to-X specialist in industry
- Electricity company manager
- Technical sales engineer
- Researcher in academia or industry
- Chief technology officer

Read more about the programme:
- **lut.fi/p-to-x**



Master's Programme in

ENERGY CONVERSION

Learn to understand different aspects of energy production and conversion.

- Learn to analyse, design, and select technologically, economically, environmentally, and societally relevant energy conversion processes for different applications.
- Apply and develop mathematical models to address energy-related challenges.
- Design energy systems for a sustainable future.

The programme offers a possibility for double degree studies.
It has a EUR-ACE label and ASIIN accreditation.

PROGRAMME CONTENT

- **Core studies**
  energy and society, applied mathematics, power plant design, bioenergy
- **Advanced specialisation studies**
  fluid machinery, steam turbines, steam boilers, thermal design of steam boilers, energy systems engineering, bioenergy technology solutions, bioenergy and energy use in the forest industry, maintenance management, biomass conversion technologies, district heating
- **Minor studies**
  modelling of energy systems, environmental responsibility, renewable energy and energy efficiency, bio-based chemical engineering, business studies, Finnish language and culture
- **Elective studies**
  any courses at LUT
- **Master's thesis**

Degree: Master of Science in Technology
Duration: 2 years
Language: English
Credits: 120 ECTS credits
Location: Lappeenranta campus
Tuition fee: EUR 15,000/year for non-EU/EEA citizens. No fee for EU/EEA citizens.
Early bird and scholarship: available

Job options for graduates:

- R&D engineer
- Energy specialist in consulting
- Managerial positions in energy production
- Sales manager in the energy equipment industry
- Senior design engineer

Read more about the programme:
- lut.fi/energy-conversion

ENERGY TECHNOLOGY

Master's Programme in

NUCLEAR ENGINEERING

Learn how to utilise nuclear power safely.

- Learn to understand how different energy technology equipment, plants, processes, and systems relate to nuclear energy.
- Understand the nuclear fuel cycle.
- Understand the design principles of nuclear reactors, nuclear steam supply systems, and safety systems.
- Find out about protection against ionising radiation.

The programme has a EUR-ACE label and ASIIN accreditation.

PROGRAMME CONTENT

- **Core studies**
  nuclear power plant engineering, applied mathematics, maintenance management, energy and society, sustainability in a socio-technological context

- **Advanced specialisation studies**
  nuclear reactor design, computational nuclear thermal hydraulics, nuclear reactor physics methods, nuclear reactor physics analyses, nuclear reactor dynamics, steam turbines, theoretical nuclear thermal hydraulics, experimental nuclear thermal hydraulics, fluid machinery

- **Minor studies**
  renewable energy and energy efficiency, environmental responsibility, modelling of energy systems, Finnish language and culture

- **Elective studies**
  any courses at LUT

- **Master's thesis**

Degree: Master of Science in Technology
Duration: 2 years
Language: English
Credits: 120 ECTS credits
Location: Lappeenranta campus
Tuition fee: EUR 15,000/year for non-EU/EEA citizens. No fee for EU/EEA citizens.
Early bird and scholarship: available

Job options for graduates:

- Design engineer
- Reactor engineer
- Safety engineer
- Radiation protection engineer
- Researcher
- Nuclear plant director

Read more about the programme:
lut.fi/nuclear-eng

Master's Programme in

SUSTAINABLE ENERGY SYSTEMS

Become a professional in modern and sustainable energy systems.

- Acquire professional skills to work as a specialist in energy technology.
- Obtain competence to design and analyse sustainable and modern energy systems.
- Learn how new and sustainable energy systems, such as storages, P2X, and heat pumps, are integrated into existing energy production and consumption, including economic, environmental, and societal aspects.
- Focus on modelling, solving, and analysing energy-related problems and designing relevant technology, processes, and systems.

Degree: Master of Science in Technology
Duration: 2 years
Language: English
Credits: 120 ECTS credits
Location: Lappeenranta campus
Tuition fee: EUR 15,000/year for non-EU/EEA citizens. No fee for EU/EEA citizens.
Early bird and scholarship: available

PROGRAMME CONTENT

- **Core studies**
  energy economics, power plant design, energy and society, and applied mathematics
- **Advanced specialisation studies**
  sustainability in a socio-technological context, heat pumps, energy storages, energy markets, energy carriers, energy planning for cities and communities, energy systems engineering, fluid machinery, district heating
- **Minor studies**
  renewable energy and energy efficiency, modelling of energy systems, bioenergy technology, software engineering and digital transformation, business studies, industrial engineering and management, Finnish language and culture
- **Master's thesis**

Job options for graduates:

- R&D engineer
- Energy specialist in consulting
- Managerial positions in energy production
- Sales manager in the energy equipment industry
- Senior design engineer

Read more about the programme:
- **lut.fi/ses**

Master's Programme in

CIRCULAR ECONOMY

Become an expert in improving resource efficiency to promote the circular economy.

- Explore ways to keep materials and other resources at their highest value while minimising waste, energy use, and emissions.
- Find out about innovative approaches to circularity, new technologies, and systemic transitions.
- Learn to create sustainable business models based on the principles of a circular economy.

Degree: Master of Science in Technology
Duration: 2 years
Language: English
Credits: 120 ECTS credits
Location: Lahti campus
Tuition fee: EUR 15,000/year for non-EU/EEA citizens. No fee for EU/EEA citizens.
Early bird and scholarship: available

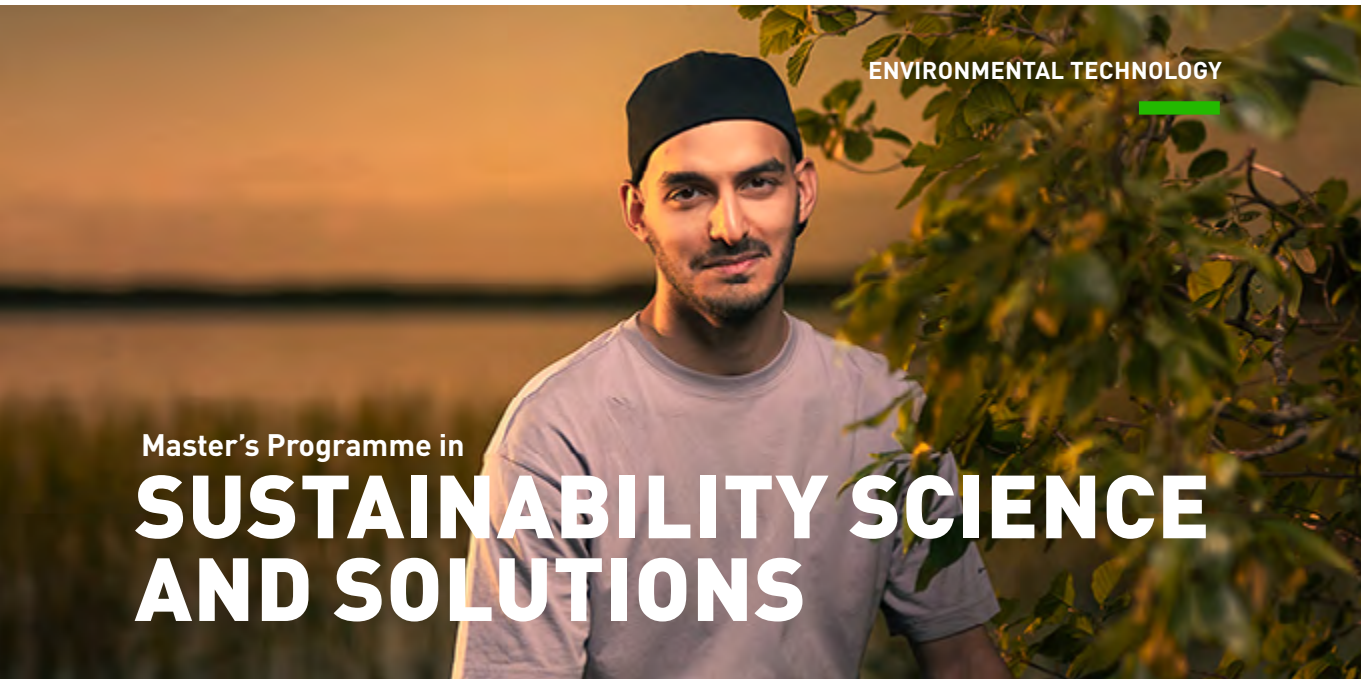
PROGRAMME CONTENT

- **Core studies**
  basics of the circular economy and global sustainability challenges, approaches to sustainability in a socio-technological context, dynamics of system transitions, interplay between technology and society
- **Advanced specialisation studies**
  deeper understanding of the biophysical foundations of the economy, waste management technologies, traffic systems, different circular material cycles, mechanisms enabling sectoral sustainability transitions
- **Minor studies**
  for example: energy technology, innovation and performance management, entrepreneurship, urban ecology, sustainability science, Finnish language and culture
- **Elective studies**
  for example: life cycle assessment, pollution control, business and sustainability, materials processing
- **Master's thesis**

Job options for graduates:

- Sustainability specialist
- Environmental consultant
- Expert in urban/regional planning
- Circular business model developer
- Environmental administration officer

Read more about the programme:
- lut.fi/circular-economy



Master's Programme in

SUSTAINABILITY SCIENCE AND SOLUTIONS

It is important to focus on actions that sustainably meet our needs.

- Understand the broader context of environmental challenges through life cycle thinking and a systemic approach to identify more sustainable solutions.
- Recognise opportunities offered by new technological innovations to promote sustainable development.
- Solve environmental problems in a way that profits both business and the environment.

The programme offers a possibility for double degree studies. It has a EUR-ACE label and ASIIN accreditation.

Degree: Master of Science in Technology
Duration: 2 years
Language: English
Credits: 120 ECTS credits
Location: Lappeenranta campus
Tuition fee: EUR 15,000/year for non-EU/EEA citizens. No fee for EU/EEA citizens.
Early bird and scholarship: available

PROGRAMME CONTENT

- **Core studies**
  life cycle assessment, system transition, energy efficient environment, business and sustainability, renewable energy technology
- **Advanced specialisation studies**
  air pollution control, sustainable water use, waste management technology, recycling and energy recovery from solid waste
- **Minor studies**
  renewable energy and energy efficiency, international business and management, bio-based chemical engineering, energy technology, Finnish language and culture
- **Elective studies**
  sustainability and IT, water treatment, sustainability strategy, energy in traffic systems
- **Master's thesis**

Job options for graduates:

- Environmental specialist
- Emissions specialist
- Sustainability specialist
- Environmental authority
- Environmental and safety specialist in industry

Read more about the programme:
- lut.fi/sustainability-science

Master's Programme in

GLOBAL MANAGEMENT OF INNOVATION AND TECHNOLOGY

Find ways to transform ideas into innovations and business value.

- Understand the impact of global megatrends on innovation management in firms.
- Learn to work in an international, constantly changing and networked environment.
- Explore the future challenges of industry and learn to build smart and sustainable solutions to drive industrial development.

The programme has a EUR-ACE label and ASIIN accreditation.

PROGRAMME CONTENT

- **Core studies**
  technology and innovation management, academic writing, research methods in management, creative design, system modelling, start-ups and venture formation, global innovation and technology strategies

- **Advanced specialisation studies**
  inventive product design and advanced TRIZ, intellectual property in technology management, intelligent product-service systems, strategy consulting, service innovation, complex systems, academic entrepreneurship

- **Minor studies, select from**
  environmental responsibility, software engineering and digital transformation, circular economy, embedded systems and communications, bio-based chemical engineering, electric transportation systems

- **Elective studies**
  any courses at LUT

- **Master's thesis**

Degree: Master of Science in Technology
Duration: 2 years
Language: English
Credits: 120 ECTS credits
Location: Lappeenranta campus
Tuition fee: EUR 15,000/year for non-EU/EEA citizens. No fee for EU/EEA citizens.
Early bird and scholarship: available

Job options for graduates:

- Product manager
- Development manager
- Business analyst
- Innovation consultant
- Project manager
- Innovation specialist/ researcher

Read more about the programme:
lut.fi/gmit

Master's Programme in

INNOVATION AND LOGISTICS

Become a top expert in international logistics and innovation.

- Focus on experiential learning, sustainability, and digital transformation.
- Specialise in innovation and logistics and learn from top academic and industry experts.
- Develop an entrepreneurial, critical, and innovative mindset to handle business challenges with global and local industrial companies.

Degree: Master of Science in Technology
Duration: 2 years
Language: English
Credits: 120 ECTS credits
Location: Kouvola unit
Tuition fee: EUR 15,000/year for non-EU/EEA citizens. No fee for EU/EEA citizens
Early bird and scholarship: available

PROGRAMME CONTENT

- **Core studies**
  management in logistics and innovation, digital transformation and sustainability, research methods and analytics
- **Advanced specialisation studies**
  analytics in logistics and innovation, entrepreneurship, new technology commercialisation and venturing, supply chain risk management, open innovation and ecosystems, industry 5.0 in logistics and innovation
- **Minor studies, select from**
  sustainable energy, environmental responsibility, software engineering, circular economy, advanced material engineering, mechanical engineering, chemical and process engineering
- **Elective studies**
  any courses at LUT
- **Master's thesis**

Job options for graduates:

- Head of a logistics or innovation unit
- Expert in international innovation and logistics
- Project manager
- Entrepreneur and business owner
- Researcher in academia or business

Read more about the programme:
- lut.fi/inlog

Master's Programme in

MANAGEMENT OF ORGANISATIONAL DEVELOPMENT

Manage development in organisations with an innovative and multidisciplinary approach.

- Apply technological, economic, and human knowledge to resolve real-life problems in business and organisations.
- Find ways to apply innovative thinking that benefits organisations and networks.
- Learn to imagine and envision possible futures to make better decisions in organisations.

Degree: Master of Science in Technology
Duration: 2 years
Language: English
Credits: 120 ECTS credits
Location: Lahti campus
Tuition fee: EUR 15,000/year for non-EU/EEA citizens. No fee for EU/EEA citizens.
Early bird and scholarship: available

PROGRAMME CONTENT

- **Core studies**
  digitalisation and organisational renewal, futures studies, performance measurement and management, patents and standardisation, strategic thinking
- **Advanced specialisation studies**
  digitalisation and organisational renewal, futures studies, performance measurement and management, patents and standardisation, strategic thinking
- **Minor studies, select from**
  software and systems engineering, energy economics, circular economy, bio-based chemical engineering, software engineering and digital transformation, energy technology
- **Elective studies**
  any courses at LUT
- **Master's thesis**

Job options for graduates:

- Development manager
- Continuous improvement manager
- Project engineer
- Innovation consultant
- Innovation specialist/ researcher
- Learning manager
- Change/transformation manager

Read more about the programme:
- lut.fi/mod

Master's Programme in

INDUSTRIAL DESIGN ENGINEERING

Become an expert in product development meeting the demands of end users and the environment.

- Specialise in product development: a combination of product design, manufacturing processes, ergonomics, material development, aesthetics, and sustainability.
- Focus on the design and development of innovative products or production processes.
- Utilise modern manufacturing technologies, design skills, and new materials through close cooperation with industries.

The programme has a EUR-ACE label and ASIIN accreditation.

Degree: Master of Science in Technology
Duration: 2 years
Language: English
Credits: 120 ECTS credits
Location: Lahti campus
Tuition fee: EUR 15,000/year for non-EU/EEA citizens. No fee for EU/EEA citizens.
Early bird and scholarship: available

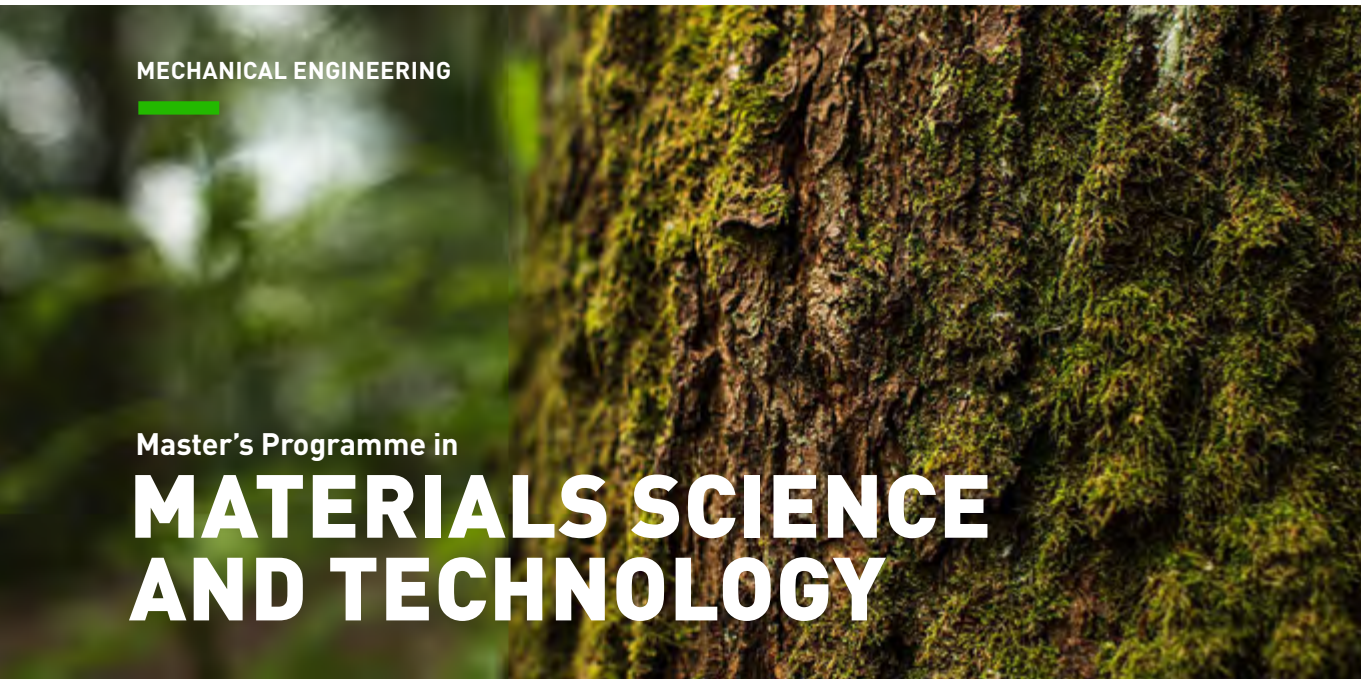
PROGRAMME CONTENT

- **Core studies**
  research methods and methodologies, principles of industrial manufacturing processes, selection criteria of materials, modern management and leadership in engineering
- **Advanced specialisation studies**
  integration of user centricity and circular design in product development, presentation methods, strategic design, structures, materials and production processes
- **Elective studies**
- **Master's thesis**

Job options for graduates:

- Industrial designer
- Design engineer
- Product designer
- Brand manager
- Production manager
- Interaction designer
- Packaging designer
- Researcher

Read more about the programme:
- lut.fi/industrial-design-eng



MECHANICAL ENGINEERING

Master's Programme in

MATERIALS SCIENCE AND TECHNOLOGY

Solve problems in product design, material selection, material development, or production design.

- Take a systematic and analytical approach to practical mechanical engineering tasks in the field of material science.
- Focus on the importance of material selection and the required production technology solutions as a part of the multidisciplinary design process of products.
- Apply the principles of modelling of metallic and composite materials.
- Understand the importance of materials and manufacturing processes in P2X technologies and SDGs.

Degree: Master of Science in Technology
Duration: 2 years
Language: English
Credits: 120 ECTS credits
Location: Lappeenranta campus
Tuition fee: EUR 15,000/year for non-EU/EEA citizens. No fee for EU/EEA citizens.
Early bird and scholarship: available

PROGRAMME CONTENT

- **Core studies**
  research methods and methodologies, 3D forming and converting of materials, selection criteria of materials, reliability-based machine element design, principles of industrial manufacturing processes, advanced additive manufacturing and 3D printing, leadership and management

- **Advanced specialisation studies**
  introduction to materials engineering, sustainable manufacturing of composite materials and products, smart materials and nanotechnology, sustainable sheet metal product fabrication, modelling of metallic and composite materials, recycling processes for materials in a circular economy, circular economy for materials processing, welding and laser processing of metals

- **Elective studies**
  any courses at LUT

- **Master's thesis**

Job options for graduates:

- Material development manager
- Product manager
- Material production manager
- Material quality manager
- Expert in environmental and sustainability affairs
- Material standardisation manager
- Material scientist or researcher

Read more about the programme:

- **lut.fi/materials-science-and-technology**

Master's Programme in

MECHATRONICS

Master the art of modern mechatronics.

- Explore the essentials of mechatronic systems, covering mechanical engineering, electronics, programming, and control systems.
- Engage with advanced topics like artificial intelligence, digital twins, autonomous systems, and intuitive user interfaces, positioning you at the forefront of mechatronics.
- Develop skills in industrial automation, robotics, and smart machines through practical industry projects and laboratory work.
- Design mechatronic systems with a focus on energy and material efficiency, emphasising environmental sustainability.

Degree: Master of Science in Technology
Duration: 2 years
Language: English
Credits: 120 ECTS credits
Location: Lahti campus
Tuition fee: EUR 15,000/year for non-EU/EEA citizens. No fee for EU/EEA citizens.
Early bird and scholarship: available

PROGRAMME CONTENT

- **Core studies**
  General studies: research methods and methodologies, reliability-based engineering, leadership and management
  Engineering studies: principles and applications of manufacturing processes, material selection, simulation of mechatronic machines, engineering in a digitised environment
- **Advanced specialisation studies**
  digital engineering, robotics and mechatronics
- **Elective studies**
  any business-oriented studies, language studies, etc.
- **Master's thesis**

Job options for graduates:

- Production manager
- Mechatronics designer
- Automation specialist
- Robotics engineer
- Design manager
- Engineering specialist

Read more about the programme:
- lut.fi/mechatronics

Master's Programme in

MECHANICAL ENGINEERING

Become an expert in modern mechanical engineering.

- Learn to utilise fully digitised design, simulation, and production environments in different areas of mechanical engineering.
- Find out about the special features of mechanical engineering design, IoT, the automated and robotised production and manufacture of products, material selection, and modelling.
- Learn about computer-aided design technologies and techno-economically efficient production methodologies integrated with the utilisation and development of advanced materials.

The programme offers a possibility for double degree studies.
It has a EUR-ACE label and ASIIN accreditation.

Degree: Master of Science in Technology
Duration: 2 years
Language: English
Credits: 120 ECTS credits
Location: Lappeenranta campus
Tuition fee: EUR 15,000/year for non-EU/EEA citizens. No fee for EU/EEA citizens.
Early bird and scholarship: available

PROGRAMME CONTENT

- **Core studies**
  General studies: research methods and methodologies, reliability-based engineering, leadership and management
  Engineering studies: principles and applications of manufacturing processes, material selection, simulation of mechatronic machines, engineering in a digitised environment

- **Advanced specialisation studies, select two modules from**
  welding technology and laser processing, composites and hybrid materials, steel structures, robotics and mechatronics, sustainable manufacturing processes, digital engineering

- **Elective studies**
  business-oriented studies, language studies, etc.

- **Master's thesis**

Job options for graduates:

- Production manager
- Production supervisor
- Design manager
- Automation specialist
- Quality manager
- Engineering specialist

Read more about the programme:
- lut.fi/mechanical-eng

Master's Programme in

DIGITAL SYSTEMS AND SERVICE DEVELOPMENT

Become an expert in the development of human-centred digital services.

- Learn to analyse a problem and identify and elicit human-centred needs and values for digital services.
- Design, develop, and evaluate data-driven and connected software-intensive smart services.
- Apply, evaluate, and adapt software processes and software development tools to meet the needs of human-driven digital services.
- Analyse, develop, and manage new software-based digital services in industry.

The programme has a Euro-Inf® label and ASIIN accreditation.

Degree: Master of Science in Technology
Duration: 2 years
Language: English
Credits: 120 ECTS credits
Location: Lahti campus
Tuition fee: EUR 15,000/year for non-EU/EEA citizens.
No fee for EU/EEA citizens.
Early bird and scholarship: available

PROGRAMME CONTENT

- **Core studies**
  software engineering models and methods, requirements engineering, user experience design, project on holistic digital service development

- **Advanced specialisation studies**
  Compulsory studies: service design, intelligent systems and services, cloud services and infrastructure, full stack development
  Alternative studies: a wide variety of courses to deepen your knowledge in areas such as game development or data-intensive systems

- **Elective studies**
  any courses at LUT

- **Master's thesis**

Job options for graduates:

- Digital service engineer
- Cloud service engineer
- Smart service developer
- Service designer
- Project manager
- Software engineer
- Software systems architect
- Team leader
- Full stack developer

Read more about the programme:
- **lut.fi/dssd**

Master's Programme in

SOFTWARE ENGINEERING

Master digital ecosystems and software solutions.

- Become a leading developer of software systems and digital services.
- Learn about software maintenance and the testing and fixing of software.
- Become an expert in software development and quality assurance.

The programme offers a possibility for double degree studies.

Degree: Master of Science in Technology
Duration: 2 years
Language: English
Credits: 120 ECTS credits
Location: Lappeenranta campus
Tuition fee: EUR 15,000/year for non-EU/EEA citizens. No fee for EU/EEA citizens.
Early bird and scholarship: available

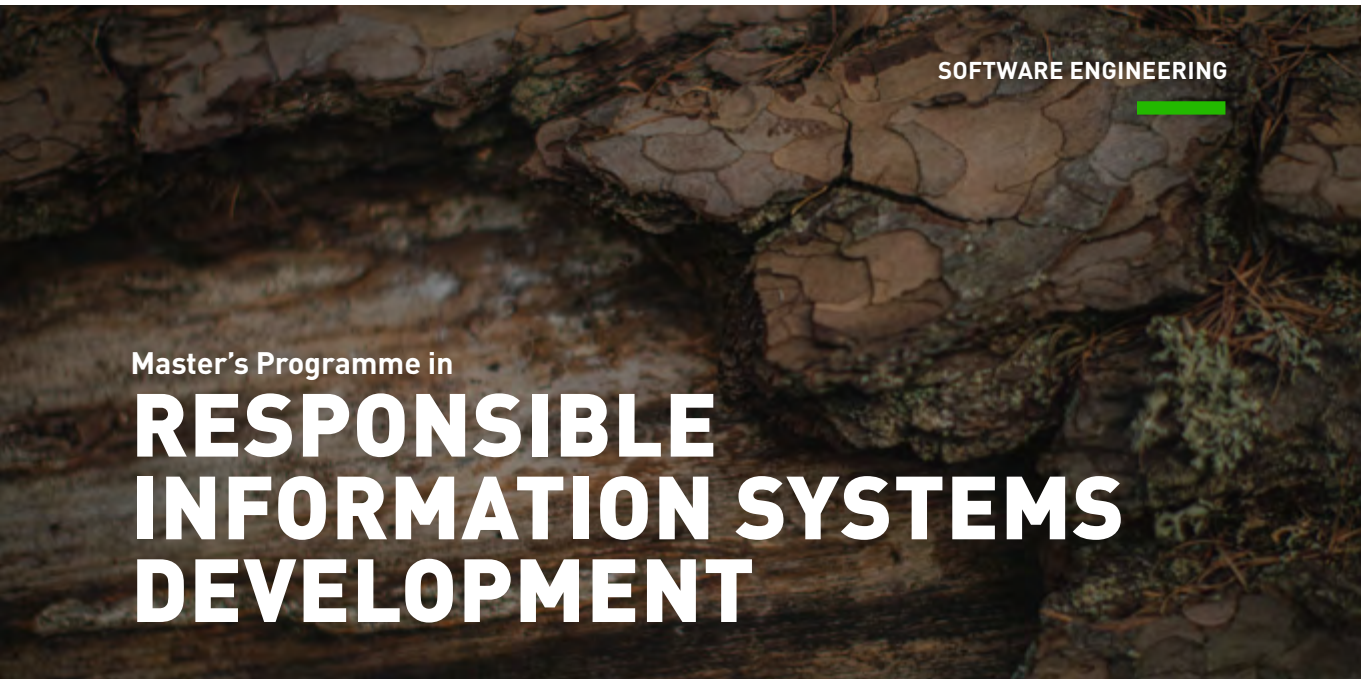
PROGRAMME CONTENT

- **Core studies**
  software engineering models and methods, requirements engineering, running a software project, research design methods
- **Advanced specialisation studies**
  software and system architectures, data-intensive software systems, software maintenance, quality
- **Minor studies**
  industrial engineering and management, embedded systems and communications, international business and management, or Finnish language and culture
- **Master's thesis**

Job options for graduates:

- Software developer
- Software architect
- Software specialist
- User experience specialist
- Database administrator

Read more about the programme:
- **lut.fi/software-eng**



Master's Programme in

RESPONSIBLE INFORMATION SYSTEMS DEVELOPMENT

Master digital information and business.

- Become a leading developer of AI and data-driven intelligent solutions that are technically sound, sustainable, and responsible.
- Acquire skills to develop systems that prioritise data privacy and cybersecurity, adhering to legal and ethical standards.
- Learn advanced data intelligence techniques to extract valuable insights for organisational decision-making.

The programme offers a possibility for double degree studies.

Degree: Master of Science in Technology
Duration: 2 years
Language: English
Credits: 120 ECTS credits
Location: Lappeenranta campus
Tuition fee: EUR 15,000/year for non-EU/EEA citizens. No fee for EU/EEA citizens
Early bird and scholarship: available

PROGRAMME CONTENT

- **Core studies**
  software engineering models and methods, requirements engineering, user experience design, research design methods
- **Advanced specialisation studies**
  ethical and responsible software development, business process redesign and digitalisation for modern businesses, data-driven solutions development for organisational decision-making, and security and privacy of information systems.
- **Minor studies**
  industrial engineering and management, embedded systems and communications, international business and management, business analytics, or Finnish language and culture
- **Master's thesis**

Job options for graduates:

- Information systems architect
- AI scientist/developer
- Digital transformation specialist
- Data scientist
- User experience designer
- Cybersecurity specialist
- Business/data analyst

Read more about the programme:
lut.fi/risd

Master's Programme in

SOFTWARE ENGINEERING

Master digital ecosystems and software solutions.

- Become a leading developer of software systems and digital services.
- Learn about software maintenance and the testing and fixing of software.
- Become an expert in software development and quality assurance.

The programme offers a possibility for double degree studies.

Degree: Master of Science in Technology
Duration: 2 years
Language: English
Credits: 120 ECTS credits
Location: Lappeenranta campus
Tuition fee: EUR 15,000/year for non-EU/EEA citizens. No fee for EU/EEA citizens.
Early bird and scholarship: available

PROGRAMME CONTENT

- **Core studies**
  software engineering models and methods, requirements engineering, running a software project, research design methods
- **Advanced specialisation studies**
  software and system architectures, data-intensive software systems, software maintenance, quality
- **Minor studies**
  industrial engineering and management, embedded systems and communications, international business and management, or Finnish language and culture
- **Master's thesis**

Job options for graduates:

- Software developer
- Software architect
- Software specialist
- User experience specialist
- Database administrator

Read more about the programme:
- lut.fi/software-eng

Discover the frontier of

COMPUTATIONAL SCIENCE AND AI

In today's increasingly digital world, the grand challenges in science and engineering demand a multidisciplinary approach combining mathematical modelling, advanced algorithms, and data-driven insights.

By studying computational science and artificial intelligence, you gain the tools to model complex climate systems, transform medical imaging, empower machines with vision, and tackle many other cutting-edge problems. The skills you acquire are highly transferable and valued across countless industries.

Discover the frontier of computational science and AI.
Be part of the breakthroughs that will define tomorrow.

The skills you acquire are highly transferable and valued across countless industries.

Tapio Helin
Professor
in computational engineering

SOCIAL SCIENCES

Social sciences examine society, communities, and people from different perspectives.

LUT's social sciences education analyses the activity of society and people in relation to global sustainability problems and creates related solutions through collaboration between social sciences, technology, and business.

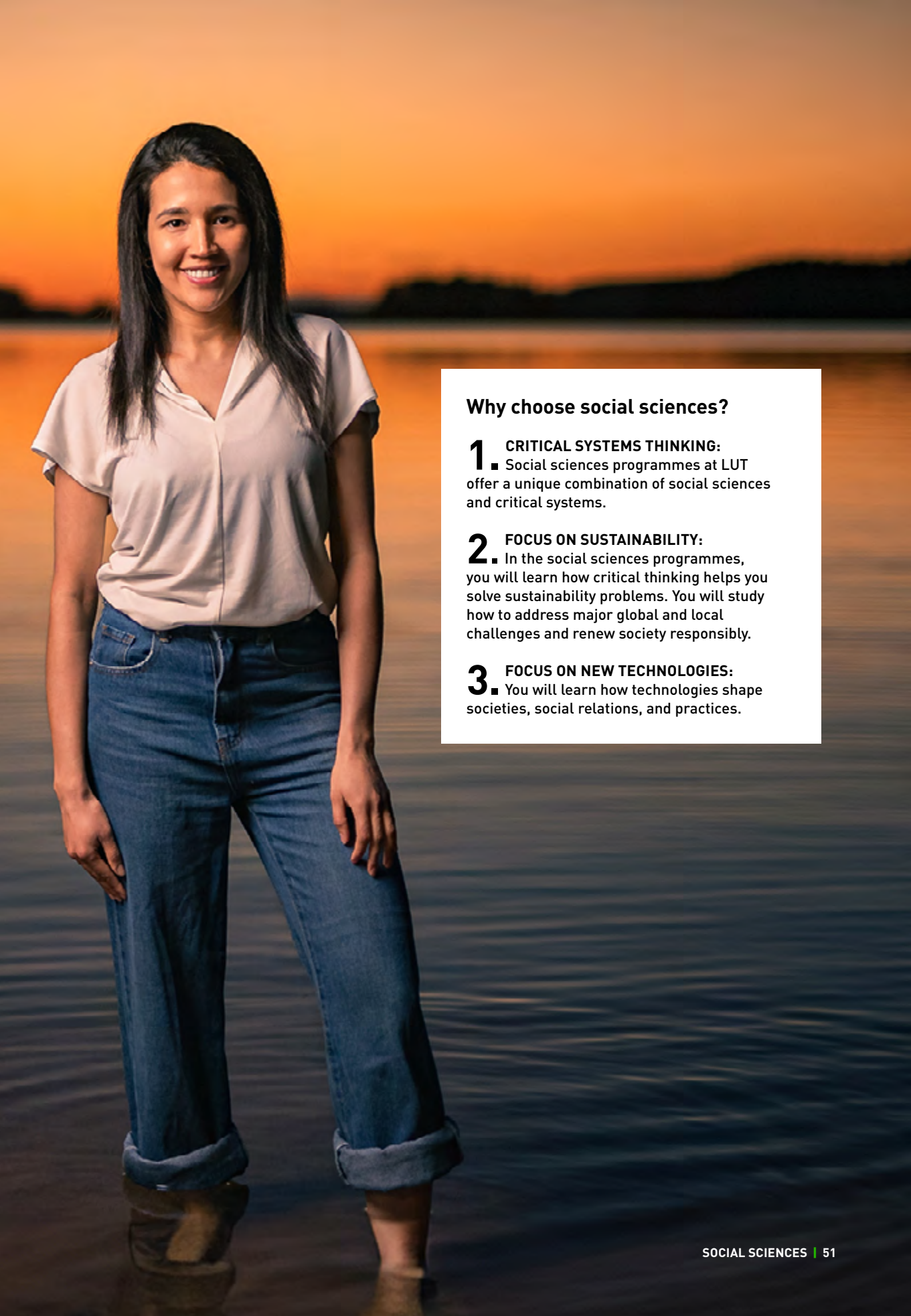
Digitalisation – including robotisation, artificial intelligence applications, and big data – is transforming the way people and society work and is creating new career opportunities for social scientists. Meanwhile, the working world and businesses need experts to address the challenges and interconnectedness of systems involving areas such as energy, food production, water, natural resources, transport, and mobility, which are crucial to society and people's well-being.

Social sciences studies are for you who want to use your social science skills to build a carbon-negative and resource-sustainable future, taking into account technological, economic, political, and social factors.

We offer master's and doctoral programmes in social sciences and communication sciences.

LUT's social sciences help us build a better world – responsibly, boldly, and by addressing global challenges.

Salvatore Ruggiero
Head of the Degree Programmes in Social Sciences, LUT School of Engineering Sciences



Why choose social sciences?

1. CRITICAL SYSTEMS THINKING: Social sciences programmes at LUT offer a unique combination of social sciences and critical systems.

2. FOCUS ON SUSTAINABILITY: In the social sciences programmes, you will learn how critical thinking helps you solve sustainability problems. You will study how to address major global and local challenges and renew society responsibly.

3. FOCUS ON NEW TECHNOLOGIES: You will learn how technologies shape societies, social relations, and practices.

Master's Programme in

GLOBAL COMMUNICATIONS AND CLEAN AIR, WATER AND ENERGY

Learn about global communications in the sustainable renewal of businesses and society.

- Find solutions for challenges related to clean air, water, and energy – from the perspective of global communication.
- Become an expert in planning, developing, and leading global communications in crises and societal challenges.
- Learn to analyse and assess soft power, disinformation, and strategic narratives that shape sustainability and the green transition locally and globally.
- Understand how AI and new media technologies shape the functioning of societies, organisations, and individuals.

Degree: Master of Social Sciences
Duration: 2 years
Language: English
Credits: 120 ECTS credits
Location: Lappeenranta campus
Tuition fee: EUR 15,000/year for non-EU/EEA citizens. No fee for EU/EEA citizens.
Early bird and scholarship: available

Programme content

- **Core studies**
  global communications, research methods and ethics, AI and critical systems thinking
- **Advanced specialisation studies**
  for example, global media and communication in the context of clean air, water, and energy; sustainability and CSR communications; crisis management and communication; analysis of disinformation, strategic narratives and media
- **Multidisciplinary studies**
  critical systems of air, water, and energy in society
- **Language studies**
  language studies and academic writing
- **Master's thesis**

Job options for graduates:

- Head of global communications
- Communication expert in the green transition
- Media analyst
- Communications consultant
- Public official
- Community manager
- Communications scholar

Read more about the programme:
- **lut.fi/global-communications**

Master's Programme in

DIGITAL SOCIAL SCIENCE

Address current and future socioeconomic challenges using data to make informed decisions.

- Critically evaluate current and future societal and political challenges by applying different theoretical perspectives supported by empirical data.
- Understand the challenges and opportunities presented by current and emerging digital technologies to society.
- Make informed, evidence-based decisions concerning current and future societal and political challenges, including ones presented by new digital technologies.

Degree: Master of Social Sciences
Duration: 2 years
Language: English
Credits: 120 ECTS credits
Location: Lappeenranta campus
Tuition fee: EUR 15,000/year for non-EU/EEA citizens. No fee for EU/EEA citizens.
Early bird and scholarship: available

Programme content

- **Core studies**
  system theory, research methods, innovation policy, public policy analysis, economics and society
- **Advanced specialisation studies**
  work in the digital age, political economy of digital transformation, smart cities and urban transitions, digital media and social technologies in society, robots and AI in society, public opinion during technological change and the green transition
- **Multidisciplinary studies, critical systems of society**
  sustainable strategy; solving societal challenges with data; elective studies in critical systems, energy, and sustainability; elective studies in management, programming, and coding; external project
- **Language studies**
- **Master's thesis**

Job options for graduates:

- Data, research, or policy analyst
- Marketing or public relations manager
- Management, political, or risk and strategy consultant
- Policy officer or advisor in public administration

Read more about the programme:
lut.fi/digital-social-science

SOCIAL SCIENCES

Master's Programme in

TECHNOLOGY, ENVIRONMENT AND SOCIETAL CHANGE

Gain expertise in the functioning of systems critical to society, the economy, and our well-being.

- Learn to understand the governance of critical systems, such as energy, water, transportation, and digital infrastructure during sustainability transitions.
- Obtain skills to analyse social, political, environmental, economic, and technological dimensions of systems transitions on various scales (global, regional, national, local, household) and understand their interconnections.
- Apply innovative thinking and problem-solving to critical systems by using socio-technical systems theories.

Degree: Master of Social Sciences
Duration: 2 years
Language: English
Credits: 120 ECTS credits
Location: Lappeenranta campus
Tuition fee: EUR 15,000/year for non-EU/EEA citizens. No fee for EU/EEA citizens.
Early bird and scholarship: available

Programme content

- **Core studies**
  system theory, research methods, innovation policy, public policy analysis, economy and society
- **Advanced specialisation studies**
  socio-technical food, energy, and water systems, renewable energy policy, sustainable water use governance, food security governance, smart cities
- **Multidisciplinary studies, critical systems of society**
  sustainable strategy, societal challenges and data, coding, elective critical system studies
- **Language studies**
- **Master's thesis**

Job options for graduates:

- Corporate sustainability manager
- Public relations manager
- Sustainability consultant
- Environmental policy specialist
- Sustainability expert
- Policy officer
- Environmental officer

Read more about the programme:
- lut.fi/tesc

Social sciences

CROSSING INTERDISCIPLINARY BOUNDARIES

Social sciences have achieved a key position at universities of technology. They examine science and democracy, expertise, participation, how science and technology contribute to social advancement, and how knowledge production is evolving. In doing so, we take an interdisciplinary approach, integrating social sciences into areas previously seen as domains of technical expertise.

Crossing boundaries is particularly urgent, given the exciting opportunities and new challenges created by the advancement of technology and science. While this opens up new domains for social sciences, it also helps technical specialists develop more professional relationships within their fields.

We incorporate real-world problems into teaching situations and accommodate different knowledge bases to pursue learning. We focus on students' learning processes through active participation and structured feedback. This provides a key approach to learning in solution-oriented environments such as LUT.

Our social science teaching crosses interdisciplinary boundaries to examine the exciting opportunities and new challenges created by science and technology.

Antti Silvast
Associate Professor
Teacher of the Year 2024

LUT BUSINESS SCHOOL

At LUT Business School, we educate problem-solvers of the future and produce solutions that promote sustainable business.

A broad understanding of business and its fundamentals is necessary in today's global environment. In our business programmes, you will learn to question prevailing business practices and develop new types of entrepreneurship.

At LUT Business School, your studies will focus on sustainable value creation. You will study how businesses succeed in international competition in an economically, ecologically, and socially sustainable way. As a graduate, you will be able to help companies and other organisations to operate profitably and sustainably.

We offer bachelor's, master's, and doctoral programmes in business.

Sustainable business and responsibility are at the heart of all our study programmes. Together with our students, we desire to make the world a better place for future generations through science and education.

Sami Saarenketo
Dean, LUT Business School

Why choose LUT Business School?

1. INTERNATIONALLY RECOGNISED BUSINESS SCHOOL:
LUT Business School is one of the top 200 business schools and in the top 11 in research quality in the world according to the THE World University Rankings 2025 by subject.

2. UNIQUE PROGRAMMES:
LUT Business School offers two bachelor's and five master's programmes taught in English, each designed to provide students with the latest knowledge and skills needed in the current business landscape.

3. CONNECTED WITH COMPANIES:
LUT Business School provides a number of corporate engagement opportunities through its coursework.

INTERNATIONALLY ACCREDITED BUSINESS SCHOOL

LUT Business School is accredited by the **Association to Advance Collegiate Schools of Business** (AACSB). In addition, the Master's Programme in International Marketing Management has been accredited by the **European Foundation for Management Development** (EFMD) since 2012.

International accreditations demonstrate commitment to quality and the continuous development of education.

LUT Business School is a signatory of the UN's **Principles for Responsible Management Education** (PRME), which engage business and management schools to ensure they nurture internationally recognised sustainable values in education and research.

BUSINESS ADMINISTRATION

Bachelor's Programme in

SUSTAINABLE INTERNATIONAL BUSINESS

Learn to manage an international business in a sustainable way.

- Examine international operating environments with sustainability as a key driver.
- Understand the global, systemic challenges related to the sustainability transition.
- Analyse how to create value sustainably in international business, marketing, and supply management.
- Advance your language and communication skills to support your future employment in Finland or internationally.
- Develop a multicultural mindset for global operations.

Degree: Bachelor of Science in Economics and Business Administration
Duration: 3 years
Language: English
Credits: 180 ECTS credits
Location: Lappeenranta campus
Tuition fee: EUR 12,000/year for non-EU/EEA citizens. No fee for EU/EEA citizens.
Early bird and scholarships: available

Programme content

- **General studies**
  fundamentals of accounting, finance and economics, principles of management and business strategy, mathematics and statistics for economics
- **Intermediate specialisation studies**
  international business, cross-cultural issues and international entrepreneurship, international marketing and purchasing, professional sales, business relationships in international value networks, sustainability and corporate social responsibility, managing sustainable value chains and sustainability transitions, academic writing and professional communication
- **Language and communication studies**
  multicultural teamwork and leadership, diversity management and global citizenship, Finnish as a second language or optional language studies, English for international business
- **Elective studies**
  any LUT courses, possible exchange studies abroad or internship
- **Bachelor's thesis**

Job options for graduates:

- Product manager
- Business development manager
- International sales manager
- Supply chain manager
- Export manager

Read more about the programme:
lut.fi/bsc-sib

Bachelor's Programme in

DIGITAL BUSINESS

Gain expertise to navigate the future business landscape with digital fluency.

- Learn to successfully manage digital business in various contexts.
- Understand the logic of the platform economy and digital ecosystems and develop innovative, scalable services in a global context.
- Gain basic skills in designing and managing digitally evolving businesses.

Degree: Bachelor of Science in Economics and Business Administration
Duration: 3 years
Language: English
Credits: 180 ECTS credits
Location: Lahti campus
Tuition fee: EUR 12,000/year for non-EU/EEA citizens. No fee for EU/EEA citizens.
Early bird and scholarships: available

Programme content

- **General studies**
  fundamentals of accounting, finance, and economics, the principles of management and business strategy, mathematics and statistics for economics, academic writing, and professional communication
- **Intermediate specialisation studies**
  digital platforms, artificial intelligence, platform economy, digital ecosystems, designing and managing digitally evolving businesses
- **Language and communication studies**
  Finnish as a second language, English for international business, other available language studies at LUT
- **Minor studies**
  any LUT courses, possible exchange studies abroad or internship
- **Bachelor's thesis**

Job options for graduates:

- Digital analyst
- Social media manager
- SEO specialist
- Product or business development manager
- Junior consultant
- Digital marketing specialist
- Digital transformation manager
- AI specialist

Read more about the programme:

- lut.fi/bsc-digital-business

BUSINESS ADMINISTRATION

Master's Programme in

BUSINESS ANALYTICS

Master the digital ecosystems and digital business.

- Learn relevant business analytics methods, such as data analytics, modelling, and simulation.
- Specialise in applied business research.
- Learn to apply machine learning and soft computing methods to real-world data in a real-world business.
- Learn to build decision support tools using advanced multiple-criteria decision-making and evaluation methods.
- Learn to use software tools that are applied in industry.

Degree: Master of Science in Economics and Business Administration
Duration: 2 years
Language: English
Credits: 120 ECTS credits
Location: Lappeenranta campus
Tuition fee: EUR 15,000/year for non-EU/EEA citizens. No fee for EU/EEA citizens.
Early bird and scholarship: available

Programme content

- **Core studies**
  Compulsory studies: information systems in corporate management and decision-making, investment and business analysis with Excel, financial econometrics, free analytics environment, systems dynamics with applications, business analytics in action, fuzzy sets and fuzzy logic, business ethics, numerical simulation
  Alternative studies: for example, optimisation in business and industry, advanced sensitivity analysis for strategic decision-making, databases for business analysts, analytics software self-study courses, fuzzy data analysis, analytics with domain-specific applications
- **Advanced specialisation studies**
  analytics for business, advanced decision-making, big data in business and industry, real options in managerial decision-making
- **Language studies**
  any foreign language
- **Master's thesis**

Job options for graduates:

- Business analyst
- Business development specialist
- Business development manager
- Project manager
- Business controller

Read more about the programme:
- lut.fi/ba-business

Master's Programme in

INTERNATIONAL BUSINESS AND ENTREPRENEURSHIP

Learn to start a business and lead its growth to international markets.

- Specialise in global business and learn to consult for real companies and entrepreneurs on international strategies.
- Manage a company's growth, strategy, finances, and resources in international markets.
- Understand global trade and internationalisation strategies of companies and recognise and seize international opportunities.
- Develop an entrepreneurial mindset and apply it to problem-solving.

The programme offers a possibility for double degree studies.

Programme content

- **Core studies**
  Compulsory studies: global business environment, dimensions of entrepreneurship, strategies of business growth, melting pot of entrepreneurial competencies, international entrepreneurial journey, internationalisation of a firm and global marketing, fundamentals of scientific thinking and research methodology
  Alternative studies: case course on international motorsports, management consulting case workshop, MIMIR fellows, prototype project at J. Hyneman Center, responsible international business
- **Advanced specialisation studies**
  international entrepreneurship challenge, international business strategies
- **Minor studies**
  international marketing, sustainable business, digitalisation and business analytics, strategic management
- **Language studies**
  any foreign language
- **Master's thesis**

Degree: Master of Science in Economics and Business Administration
Duration: 2 years
Language: English
Credits: 120 ECTS credits
Location: Lappeenranta campus
Tuition fee: EUR 15,000/year for non-EU/EEA citizens. No fee for EU/EEA citizens.
Early bird and scholarship: available

Job options for graduates:

- Startup entrepreneur
- Export manager
- Subsidiary manager
- Director of international operations
- Internationalisation consultant
- Researcher in international business and entrepreneurship

Read more about the programme:
- lut.fi/mibe

BUSINESS ADMINISTRATION

Master's Programme in

INTERNATIONAL MARKETING MANAGEMENT

Become an expert in global marketing with strong marketing analytics skills.

- Specialise in global marketing.
- Enter the exciting and fast-paced world of strategic global marketing management, digital marketing, and marketing analytics.
- Learn to apply different marketing tools and strategies in the context of international technology and knowledge-intensive markets.

The programme offers a possibility for double degree studies.
It has EFMD accreditation.

Programme content

- **Core studies**
  Compulsory studies: strategic global marketing management, strategic issues in digital marketing, internationalisation of a firm and global marketing, marketing research, marketing analytics, B2B marketing, consumer behaviour in the age of digitalisation
  Alternative studies: marketing of high-technology innovations, brand management, responsible international business, contemporary issues in international marketing, sales and negotiation skills, technology and innovation management, sales technology, digital marketing in action

- **Advanced specialisation studies**
  managing international marketing, international entrepreneurship challenge

- **Minor studies**
  for example: sustainable business, digitalisation and business analytics, international business and entrepreneurship, strategic management, minor subject in engineering

- **Language studies**
  any foreign language

- **Master's thesis**

Degree: Master of Science in Economics and Business Administration
Duration: 2 years
Language: English
Credits: 120 ECTS credits
Location: Lappeenranta campus
Tuition fee: EUR 15,000/year for non-EU/EEA citizens. No fee for EU/EEA citizens.
Early bird and scholarship: available

Job options for graduates:

- Marketing manager
- Marketing analyst
- Digital marketing manager
- Marketing specialist
- Marketing coordinator
- Customer behaviour consultant
- Business development consultant
- Product and brand manager
- Sales manager

Read more about the programme:
- lut.fi/mimm

Master's Programme in

STRATEGIC FINANCE AND ANALYTICS

Combine studies in financial management and analytics.

- Specialise in financial management and the tools and techniques of business analytics.
- Prepare for a career in forward-going businesses making fact-based decisions in a competitive business landscape.
- Understand the main theories and concepts of finance and international financial markets and the use of information technology in business development and transformation.

Degree: Master of Science in Economics and Business Administration
Duration: 2 years
Language: English
Credits: 120 ECTS credits
Location: Lappeenranta campus
Tuition fee: EUR 15,000/year for non-EU/EEA citizens. No fee for EU/EEA citizens.
Early bird and scholarship: available

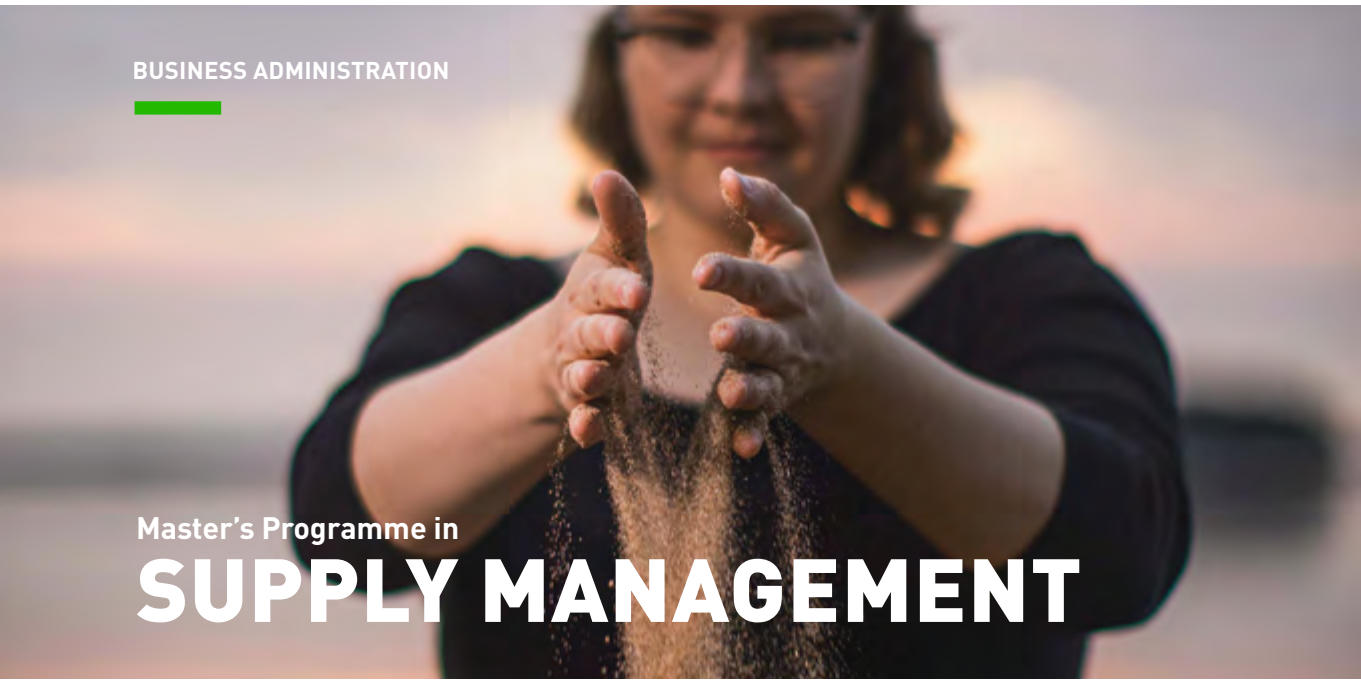
Programme content

- **Core studies**
  Strategic finance: financial econometrics, derivatives and financial risk management, banking and insurance finance, international financial management, valuation of financial securities
  Analytics for finance: information systems in corporate management, investment and business analysis, analytics for business, advanced decision-making, empirical research in finance
- **Advanced specialisation studies**
  real option analysis
- **Language studies**
  any foreign language
- **Master's thesis**

Job options for graduates:

- Business controller
- Financial analyst
- Financial development manager
- Business development manager
- Management consultant

Read more about the programme:
- lut.fi/msf



BUSINESS ADMINISTRATION

Master's Programme in

SUPPLY MANAGEMENT

Learn the principles of sustainable supply management.

- Become a decision-maker in global supply networks.
- Understand the importance of supply management in sustainable business and value creation.
- Focus on sustainable supply strategies, global challenges of sourcing, and the development of purchasing and supplier relationships.

The programme offers a possibility for double degree studies.

Degree: Master of Science in Economics and Business Administration
Duration: 2 years
Language: English
Credits: 120 ECTS credits
Location: Lappeenranta campus
Tuition fee: EUR 15,000/year for non-EU/EEA citizens. No fee for EU/EEA citizens.
Early bird and scholarship: available

Programme content

- **Core studies**
  Compulsory studies: strategic supply management, financial supply management, sustainable global sourcing, supply chain design and management, supply chain analytics projects
  Alternative studies: global business environment, B2B marketing, supplier development and relationship management
- **Advanced specialisation studies**
  external resource management, risk management in supply chains, supply chain improvement
- **Minor studies**
  international marketing, sustainable business, business analytics, international business and entrepreneurship
- **Language studies**
  any foreign language
- **Master's thesis**

Job options for graduates:

- Global sourcing director
- Supply manager
- Category manager
- Strategic buyer
- Sustainability manager

Read more about the programme:
- lut.fi/msm

Become a leader in the

DIGITAL ECONOMY

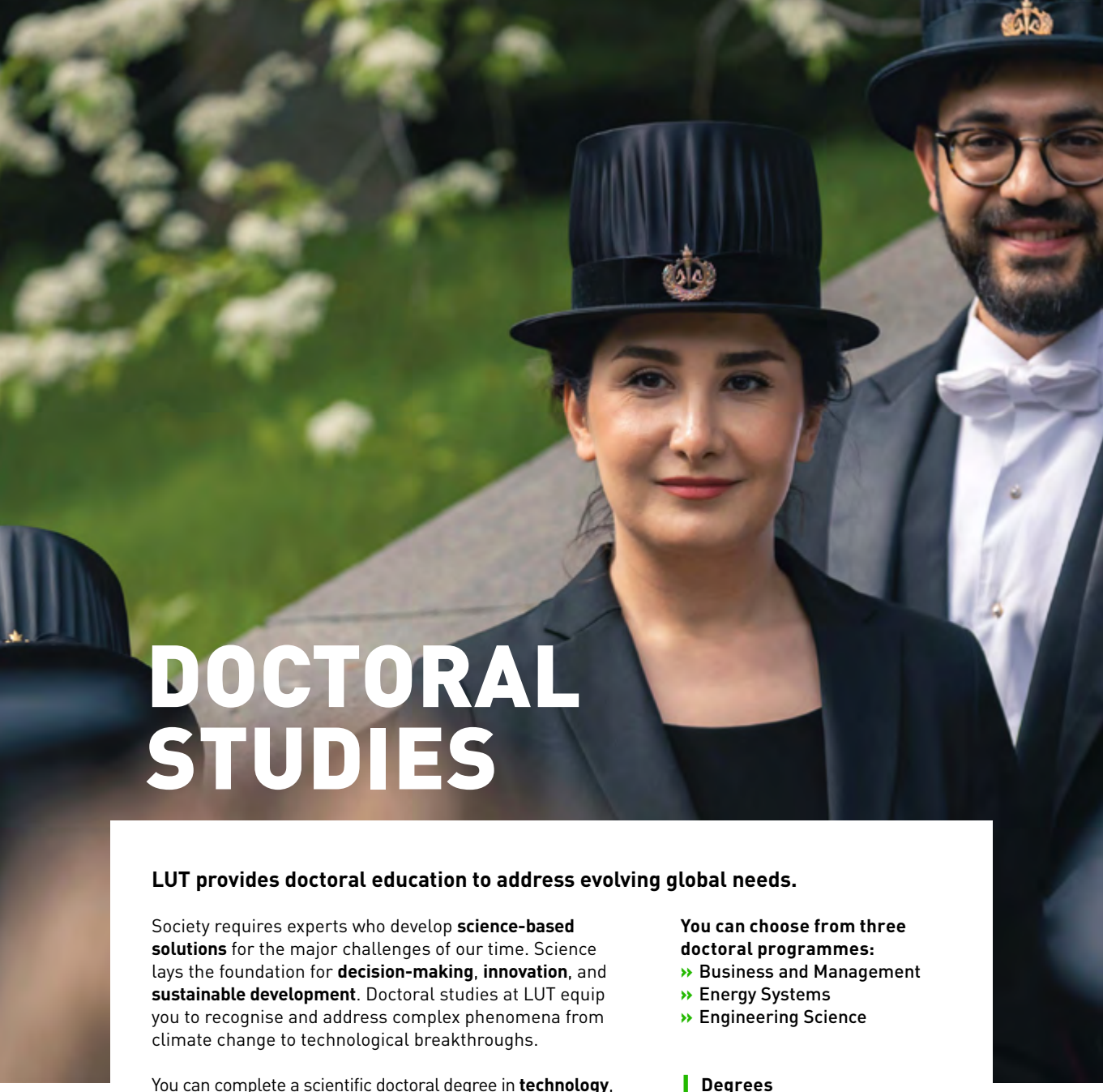
Much of today's value in business and society is created digitally. Digital platforms, applications, and artificial intelligence have already transformed how we consume, collaborate, and work. This digital transformation is unlikely to slow down anytime soon; instead, it will probably accelerate, continuing to redefine the global economy.

At LUT Business School, we educate future leaders and experts in the digital economy. We focus on the latest technological developments in organisations and understanding their impact on efficiency and innovation across industries, products, and services. However, we not only examine current trends—we also equip our students with the fundamentals of business and management, ensuring their skills remain relevant and adaptable for future technological revolutions we cannot yet anticipate.

I believe the most exciting part of our digital future is that so much of it is still unwritten. At LUT Business School, we want our students to be the ones who ask the right questions, challenge assumptions, and help build a future that works better for everyone.

At LUT Business School, we educate future leaders and experts in the digital economy.

Paavo Ritala
Professor of Strategy and Innovation



DOCTORAL STUDIES

LUT provides doctoral education to address evolving global needs.

Society requires experts who develop **science-based solutions** for the major challenges of our time. Science lays the foundation for **decision-making**, **innovation**, and **sustainable development**. Doctoral studies at LUT equip you to recognise and address complex phenomena from climate change to technological breakthroughs.

You can complete a scientific doctoral degree in **technology**, **business**, or **social sciences**. The studies are strongly **international**: researchers from tens of countries are working on our campuses, and research work mainly takes place in English.

Focus on research that matters

At LUT, we seek solutions for the **regenerative** use of natural resources, **clean energy** for industry and society, utilising **data and digital technology** to benefit society, and building **resilient** businesses, industry, and communities.

During your doctoral studies, you will acquire in-depth knowledge of your research field and be able to apply research methods to generate new scientific knowledge.

You can choose from three doctoral programmes:

- Business and Management
- Energy Systems
- Engineering Science

Degrees
Doctor of Science (Technology)
Doctor of Science (Economics and Business Administration)
Doctor of Philosophy
Doctor of Social Sciences
Duration: 3–4 years
Language: English
Credits: 30 ECTS credits of studies + a dissertation
Tuition fee: none

Read more:
» lut.fi/doctoralstudies

Doctoral studies develop the ability to think critically, communicate effectively, and work in international networks.

Mari Kallioinen-Mänttäri
Provost

Apply to doctoral studies

You can apply to our doctoral programmes **year-round**. Full-time dissertation research without other responsibilities takes three to four years.

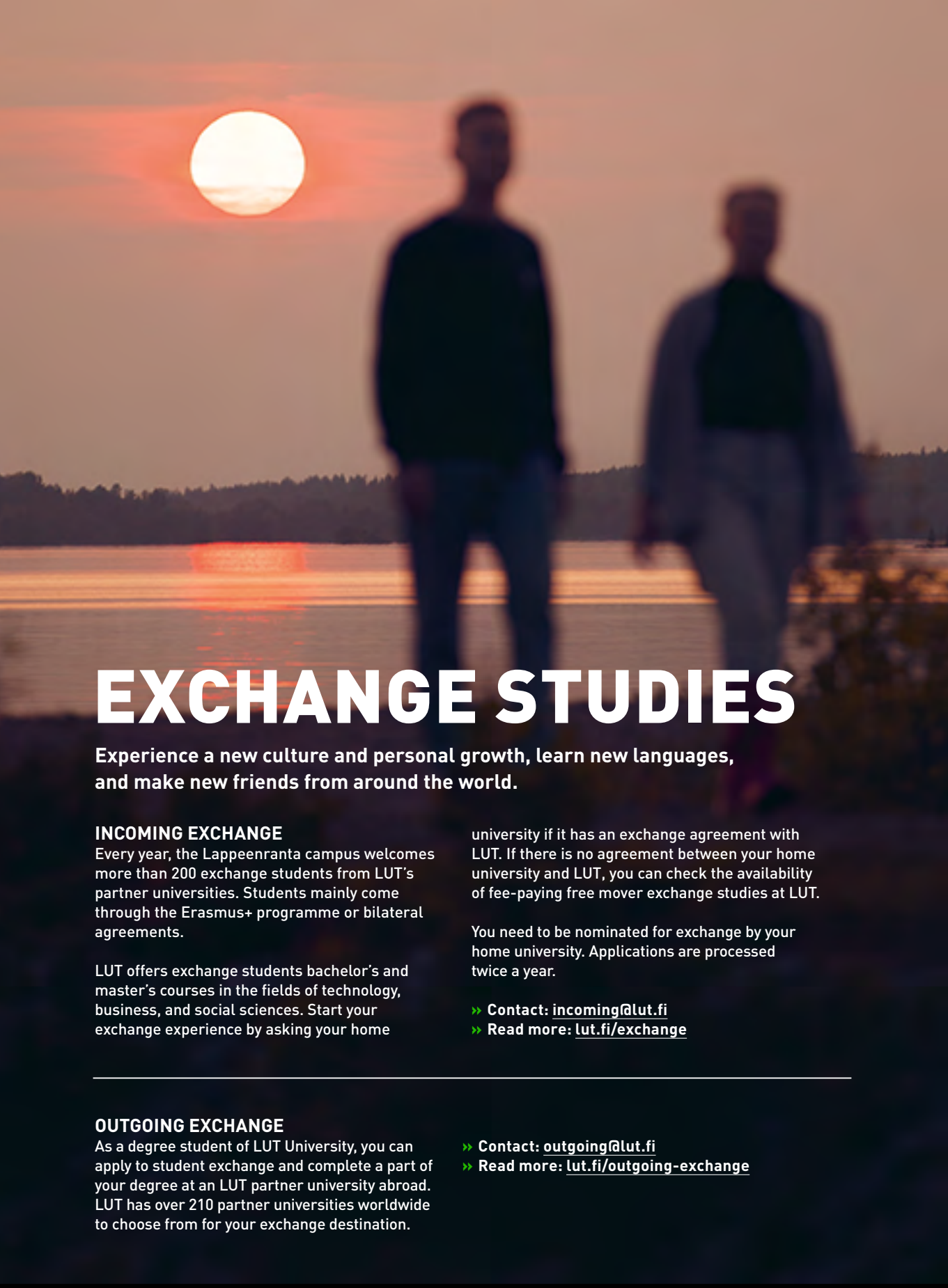
Doctoral students are usually employed by LUT as **junior researchers** or **project researchers**. It is also possible to study part-time while working outside the university, although this requires more time to complete the degree. Candidates with their own funding can apply for the right to complete doctoral studies after securing their funding and supervisors.

A doctoral degree opens doors to careers in many fields.

CAREER OPPORTUNITIES

- Professor at a research university
- Product developer
- Specialist or manager in a government agency
- Corporate research and development manager

Exchange studies



EXCHANGE STUDIES

Experience a new culture and personal growth, learn new languages, and make new friends from around the world.

INCOMING EXCHANGE

Every year, the Lappeenranta campus welcomes more than 200 exchange students from LUT's partner universities. Students mainly come through the Erasmus+ programme or bilateral agreements.

LUT offers exchange students bachelor's and master's courses in the fields of technology, business, and social sciences. Start your exchange experience by asking your home university if it has an exchange agreement with LUT. If there is no agreement between your home university and LUT, you can check the availability of fee-paying free mover exchange studies at LUT.

You need to be nominated for exchange by your home university. Applications are processed twice a year.

» **Contact: incoming@lut.fi**
» **Read more: lut.fi/exchange**

OUTGOING EXCHANGE

As a degree student of LUT University, you can apply to student exchange and complete a part of your degree at an LUT partner university abroad. LUT has over 210 partner universities worldwide to choose from for your exchange destination.

» **Contact: outgoing@lut.fi**
» **Read more: lut.fi/outgoing-exchange**

LUT SUMMER SCHOOL

Become acquainted with LUT's extensive range of academic opportunities and student life by attending the short-term programme LUT Summer School.

The programme is arranged on the Lappeenranta campus, and it offers intensive bachelor's and master's level courses in sustainability, climate action, management, inventive thinking, business, and technology.

The unique and exciting programme includes classes, workshops, group work, and fun social activities surrounded by unspoiled Finnish nature.

» **Contact: summerschool@lut.fi**
» **Read more: lut.fi/summerschool**

LUT MOOCS

Earn credits online for free

Get a preview of LUT courses before your studies even begin by attending massive open online courses or MOOCs whenever it suits you. Each course is designed to bring you the latest information on how to implement your own climate actions, both now and in the future.

The MOOC platform is accessible anytime on both mobile and desktop devices. Most of the courses are worth 2 ECTS credits, and all courses are free of charge.

» **Read more: lut.fi/mooc**
» **Contact: mooc@lut.fi**

SUSTAINABILITY AT LUT

We are committed to environmental, economic, and social responsibility in all our activities: scientific research, academic education, societal interaction, and university support services.

EDUCATION

All our degree programmes are built to increase the graduates' competences in sustainability. National surveys demonstrate that the sustainability skills of our graduates are strong.

RESEARCH

Our high-level research improves the state of the environment and is relevant to society and industries. Clean energy, water, and air are life-giving resources for which we seek solutions with our expertise in technology, business, and social sciences.

SOCIETAL INTERACTION

Our business ecosystem, sustainability networks, and wide-ranging cooperation with regional, national, and global players enable sharing knowledge and best practices for the common good.

CAMPUS LIFE

We are known for a relaxed, safe, and responsible campus culture, where everyone is encouraged to engage in the community and its various activities. Our campuses and properties are sustainably managed and energy efficient.

Watch our System Earth strategy video on YouTube:

EXAMPLES OF OUR

SUSTAINABILITY ACTIONS

- We investigate how to turn carbon dioxide from a problem into a resource. Carbon dioxide may turn out to be an important industrial raw material down the line for, for example, green hydrogen production.
- We are known for our **water treatment expertise**.
- We **work closely with our campus cities** for a clean environment, effective public transportation, and carbon-neutral district heating.
- We are a member of many international networks promoting **sustainable development**, such as the ISCN and the NSCN.
- We promote **equality** and **inclusion** on our campuses and connect students with employers.
- LUT is committed to the UN Global Compact and Race to Zero for Universities initiatives.
- Our campus restaurants offer **vegetarian options** and work to save food and to preserve the environment by **minimising biowaste**. The restaurants use scales to monitor biowaste volumes and sell leftover food to take home at a reduced price.
- Our research on solar energy is globally recognised. We also produce solar power.

Read our Report on Sustainability: **lut.fi/sustainability.**

Through our strategy and research, we pursue particularly the following United Nations' Sustainable Development Goals.

STUDENT AND ALUMNI STORIES

Boundless opportunities in a winter wonderland

I always thought of LUT as a prestigious university. The fact I got in delighted me greatly, and upon coming here, I realised all my expectations were met – even exceeded.

The student culture at LUT is amazing, with many international as well as Finnish people mingling in a flurry of events, clubs and organisations. People from all walks of life and all sorts of places conglomerating in one space where they hang out, study together and make friends is a sight to behold.

Finland itself is an almost idyllic place, the first snows are an unforgettable experience, the people are nice but quiet, and the culture and the language are beautiful. Being surrounded by nature, the lakes, the beautiful language and the welcoming culture is encouraging and healthy, helps me to study as well as have fun, and is a great experience overall.

Luka Pauletic Grasic, student

Business and engineering students working side by side fascinated me

I left the comfort of my family home in warm Italy to pursue a master's degree in international business and entrepreneurship at LUT University, culminating in a successful career as the head of business insights at Abzu in Copenhagen.

Upon graduating with a bachelor's degree in Pisa, it was my passion for the circular economy that put LUT University and studying in Finland on the map for me, and LUT's interdisciplinarity sealed my decision.

The idea of having a campus where business students work alongside engineering students was fascinating to me. It created an environment where we could learn from each other and tackle projects together, which is exactly what happens in the real world.

Matteo Bulleri, LUT alumnus

LUT's way of teaching is the best possible
The mechanical engineering programme brought Finland and LUT to my attention, opened unexpected career paths and helped me achieve academic success, earning my master's and later my doctoral degree in this field.

The way of teaching at LUT is the best possible – what I found interesting here was the continuous evaluation. In India, we focused only on the final exam, and there was a lot of pressure on it. It was new to me that there is coursework to complete every week. The continuous homework, assignments and group projects keep you on track.

On top of the different evaluation methods, the focus on teamwork as preparation for the working world impressed me – in industry, you work in a team that has members with different priorities and from different backgrounds. That's how life works, right? And that's exactly how LUT teaches and what it prepares you for.

Suraj Jaiswal, post-doctoral researcher

Combination of academic learning and real-world applications
After discovering my passion for supply management in Vietnam's professional world, I found the perfect path to pursue that interest: the Master's Programme in Supply Management at LUT.

The programme has provided me with a strong foundation of knowledge, the ability to analyse business situations, and the skills to apply theoretical concepts to practical challenges. The combination of academic learning and real-world applications has been invaluable in preparing me for my career.

I am currently working as an operational purchasing trainee, and my studies at LUT University have greatly supported me in this role.

Vy Tran, student

GET LOCAL

Cost of living

The cost of living in Finland is on average comparable to the rest of Northen Europe. Expenses vary depending on the accommodation you choose and your personal spending habits. On LUT's campuses and in its regional units, monthly living expenses including accommodation in a shared student apartment may amount to roughly EUR 700–800.

As a degree student in Finland, you will be issued a student card that entitles you to student discounts on meals and other services (e.g., transport, museums, cultural events, lunch at the university).

A few approximate examples of prices:

- **Single bus ticket EUR 1.60**
- **Monthly bus pass EUR 42**
- **Coffee at a café EUR 3**
- **Beer at a bar EUR 5–8**
- **Movie ticket EUR 17**
- **Bread EUR 1.50–3**
- **Milk 1 litre EUR 0.90**

Find a local friend

Living in another country, even for a short period of time, gives you fresh perspectives and helps you see the world differently.

With new foods to try, languages to speak, and places to see, there is something new and exciting to be discovered every day. Make the most of your time at LUT and make friends with locals through our Meet a Local Friend programme. It helps you find a local friend with whom you can cook local food, go skiing or swimming, do sports, go to the theatre, or go for coffee – you decide how often you meet up and what you do.

» **lut.fi/local-friend**

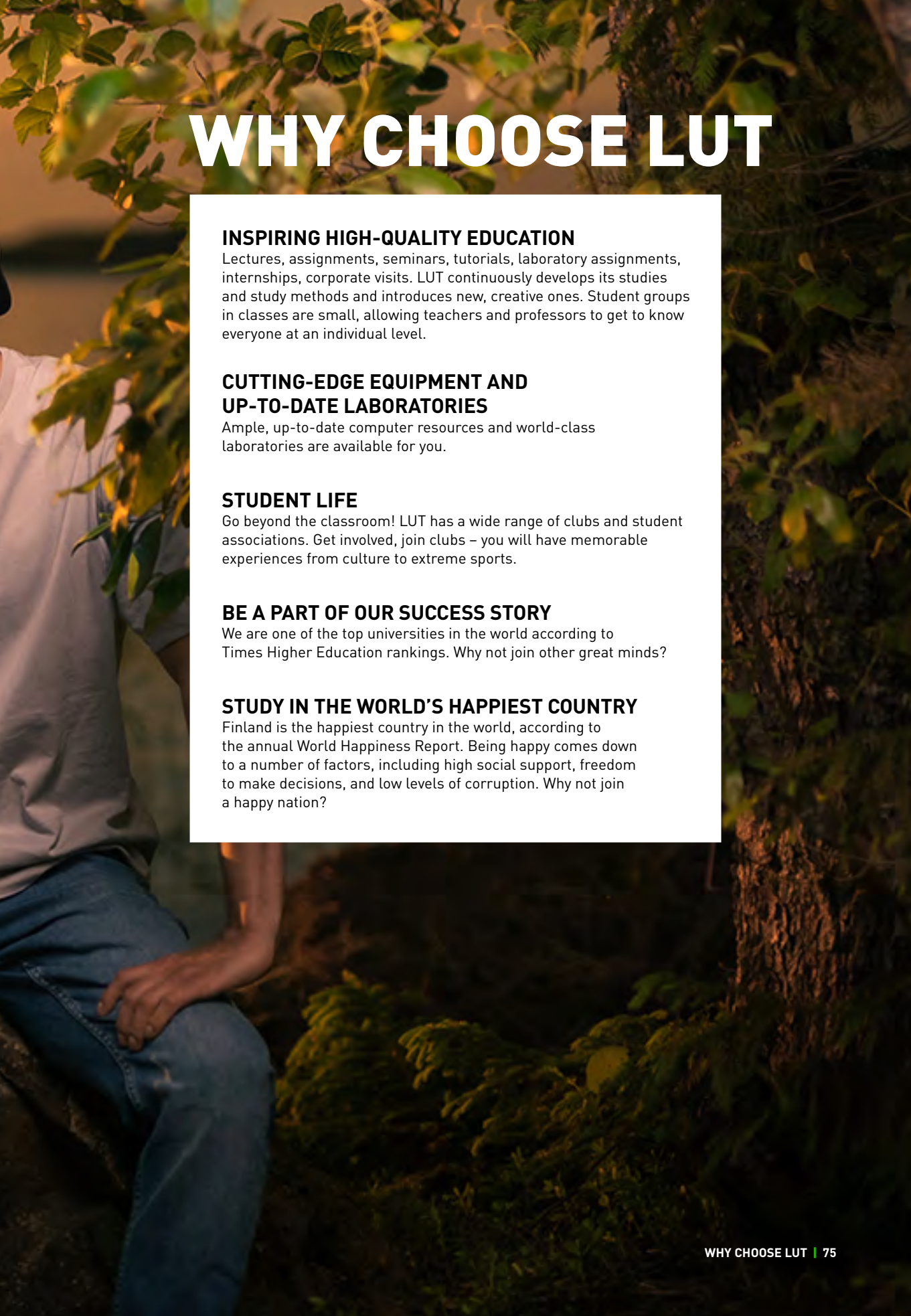
Basics of Finnish language

Hello! – Terve!
Thank you! – Kiitos!
How are you? – Miten menee?
How much is this? – Paljonko tämä maksaa?
Do you speak English? – Puhutko englantia?
Yes. – Kyllä.
No. – Ei.

Chat with our students

Find out more about studying at LUT, student life, and housing on LUT's campuses – chat with our student ambassadors. They are happy to share their own experiences and love for LUT with you. The student ambassadors are our current students.

» **lut.fi/chat**



WHY CHOOSE LUT

INSPIRING HIGH-QUALITY EDUCATION

Lectures, assignments, seminars, tutorials, laboratory assignments, internships, corporate visits. LUT continuously develops its studies and study methods and introduces new, creative ones. Student groups in classes are small, allowing teachers and professors to get to know everyone at an individual level.

CUTTING-EDGE EQUIPMENT AND UP-TO-DATE LABORATORIES

Ample, up-to-date computer resources and world-class laboratories are available for you.

STUDENT LIFE

Go beyond the classroom! LUT has a wide range of clubs and student associations. Get involved, join clubs – you will have memorable experiences from culture to extreme sports.

BE A PART OF OUR SUCCESS STORY

We are one of the top universities in the world according to Times Higher Education rankings. Why not join other great minds?

STUDY IN THE WORLD'S HAPPIEST COUNTRY

Finland is the happiest country in the world, according to the annual World Happiness Report. Being happy comes down to a number of factors, including high social support, freedom to make decisions, and low levels of corruption. Why not join a happy nation?

LAPPEENRANTA CAMPUS
Yliopistonkatu 34
53850 Lappeenranta
Finland

LAHTI CAMPUS
Mukkulankatu 19
15210 Lahti
Finland

LUT Kouvola Unit
Kauppalankatu 13
45100 Kouvola
Finland

LUT Mikkeli Unit
Lönnrotinkatu 7
50100 Mikkeli
Finland

CONTACT US
» **lut.fi/admissions**
» **admission@lut.fi**

FOLLOW US
» **Facebook**, **Instagram**, **LinkedIn:** @unilut
» **YouTube: lutvideo**