



The northernmost University of Technology in Scandinavia
World-class research and education

POCKET FACTS 2017



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LULEÅ
UNIVERSITY
OF TECHNOLOGY

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OURSTRENGTHS

- Leading-edge research
- Education and research in close cooperation with companies and society
- Areas of excellence in research and innovation

VISION2020

Luleå University of Technology develops an attractive, sustainable society through research results which make a difference, courses that challenge and individuals who collaborate.

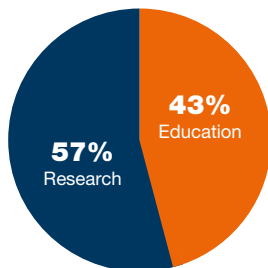


Luleå University of Technology is experiencing strong growth with world-leading competence in several areas of research. Our research is conducted in close cooperation with companies such as Bosch, Ericsson, Scania, LKAB, SKF and leading international universities. Luleå University of Technology has a total turnover of SEK 1,6 billion per year. We currently have 1,700 employees and 15,000 students.

Turnover SEK 1,6 billion

70 research subjects with a turnover of SEK 935 million of which 61% is externally funded.

Students	15 000
Staff	1 700
Professors	255
Teachers and researchers (professors included)	824
Technical admin staff	559
PhD students	361



RESEARCH



Natural sciences

- Applied geochemistry
- Applied physics
- Chemistry of interfaces
- Dependable communication and computation systems
- Experimental physics
- Exploration geophysics
- Machine learning
- Mathematics
- Mathematical statistics
- Ore geology
- Pervasive mobile computing

Engineering and technology

- Architecture
- Atmospheric science
- Biochemical process engineering
- Chemical technology
- Computer aided design
- Construction engineering and management
- Control engineering
- Electric power engineering
- Embedded systems
- Energy engineering
- Engineering acoustics
- Engineering materials
- Engineering psychology
- Entrepreneurship and innovation
- Experimental mechanics
- Fluid mechanics
- Gender and technology
- Human work sciences
- Industrial design
- Industrial electronics
- Industrial logistics
- Industrial work environment
- Machine elements
- Manufacturing systems engineering
- Material mechanics
- Medical engineering for healthcare
- Mineral processing
- Mining and rock engineering
- Onboard space systems

- Operation and maintenance
- Polymeric composite materials
- Process metallurgy
- Product innovation
- Quality technology and management
- Signal processing
- Soil mechanics
- Solid mechanics
- Steel structures
- Structural engineering
- Timber structures
- Urban water engineering
- Waste science and technology
- Water resources engineering
- Wood and bionanocomposites
- Wood science and engineering

Medical and health sciences

- Health science
- Nursing
- Occupational therapy
- Physiotherapy

Social sciences

- Accounting and control
- Economics
- Education
- English and education
- Industrial marketing
- Information systems
- Law
- Mathematics education
- Media and communication science
- Music education
- Political science
- Swedish and education

Humanities and the arts

- Audio technology
- History
- Musical performance
- Philosophy

PROGRAMME

Engineering -MSc programmes

- Architectural engineering
- Civil engineering
- Computer science and engineering
- Engineering physics and electrical engineering
- Fire engineering
- Industrial design engineering
- Industrial management and engineering
- Materials science and engineering
- Mechanical engineering
- Natural resources engineering
- Space engineering
- Sustainable energy engineering
- Engineering (common entrance)

Engineering -BSc programmes

- Automotive engineering
- Computer science and engineering
- Computer engineering
- Electrical power engineering
- Energy engineering
- Industrial design engineering
- Materials engineering
- Mechanical engineering
- Mining and geotechnical engineering
- Wood technology

Other study programmes in engineering

- Built environment
- Computer networking
- Fire protection engineer
- Metal industry technology
- Mining and geotechnical industry
- Preparatory programme in technology
- Works management in civil engineering

Business administration

- Business and economics, MSc
- Business and economics, BSc
- International business administration, BSc

Health sciences

- Diagnostic radiology nursing
- Health guidance
- Nursing
- Occupational therapy
- Physiotherapy

Teacher

- Early years education
- Teaching in grades 1-3
- Teaching in grades 4-6
- Teaching in the upper-secondary school
- Supplementary study programme
- Special education

Media

- Audio technology



- Computer graphic arts
- Graphic design
- Journalism and media tv/text/radio
- Visual arts and film design
- Visual arts and digital design

Music and drama

- Acting
- Music
- Recording/performing artist

Social sciences

- Jurisprudence
- Politics and society
- Psychology
- Real estate brokerage
- Sociology
- Systems sciences
- Digital service innovation BSc

Nursing, specialising in

- Anaesthesia care
- Intensive care
- Pre-hospital emergency care
- Primary health care
- Psychiatric care
- Surgical care

Master degree, one year

- Educational sciences
- Investigation
- Jurisprudence, environmental law

Master programmes

- taught in English

- Civil engineering, with specialisation in mining and geotechnical engineering
- Climate sensitive urban planning and building
- Composite materials
- Computer science, distributed cloud systems
- Earths atmosphere and the solar system
- Exploration and environmental geosciences
- Georesources engineering
- Human resource management
- Information security
- Maintenance engineering
- Materials engineering
- Minerals and metallurgical engineering
- Music performance
- Pervasive computing and communications for sustainable development
- Physiotherapy
- Space science and technology
- Spacecraft design
- Tribology
- Waste management
- Wood technology

Master programmes

- taught in Swedish

- International business management
- Occupational therapy
- Physiotherapy

AREAS OF EXCELLENCE IN RESEARCH AND INNOVATION

- Attractive built environment
- Future mining
- Renewable energy
- Innovative art and science
- Sustainable transportation
- Intelligent industrial processes
- Effective innovation and organisation
- Enabling ICT
- Smart machines and materials

