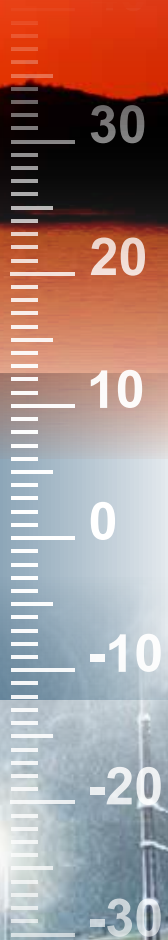




The northernmost University of Technology in Scandinavia
World-class research and education

Plus/minus 30

Luleå University of Technology is the northernmost university of technology in Scandinavia with world-class research and education. The changes of climate provide a special quality of life and are a perfect environment for an education in climate sensitive thinking, having temperatures from minus 33 to plus 33 at a latitude of N66 degrees.



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Do you need further information?

More information about Climate Sensitive Urban Planning and Building can be found on the following website:

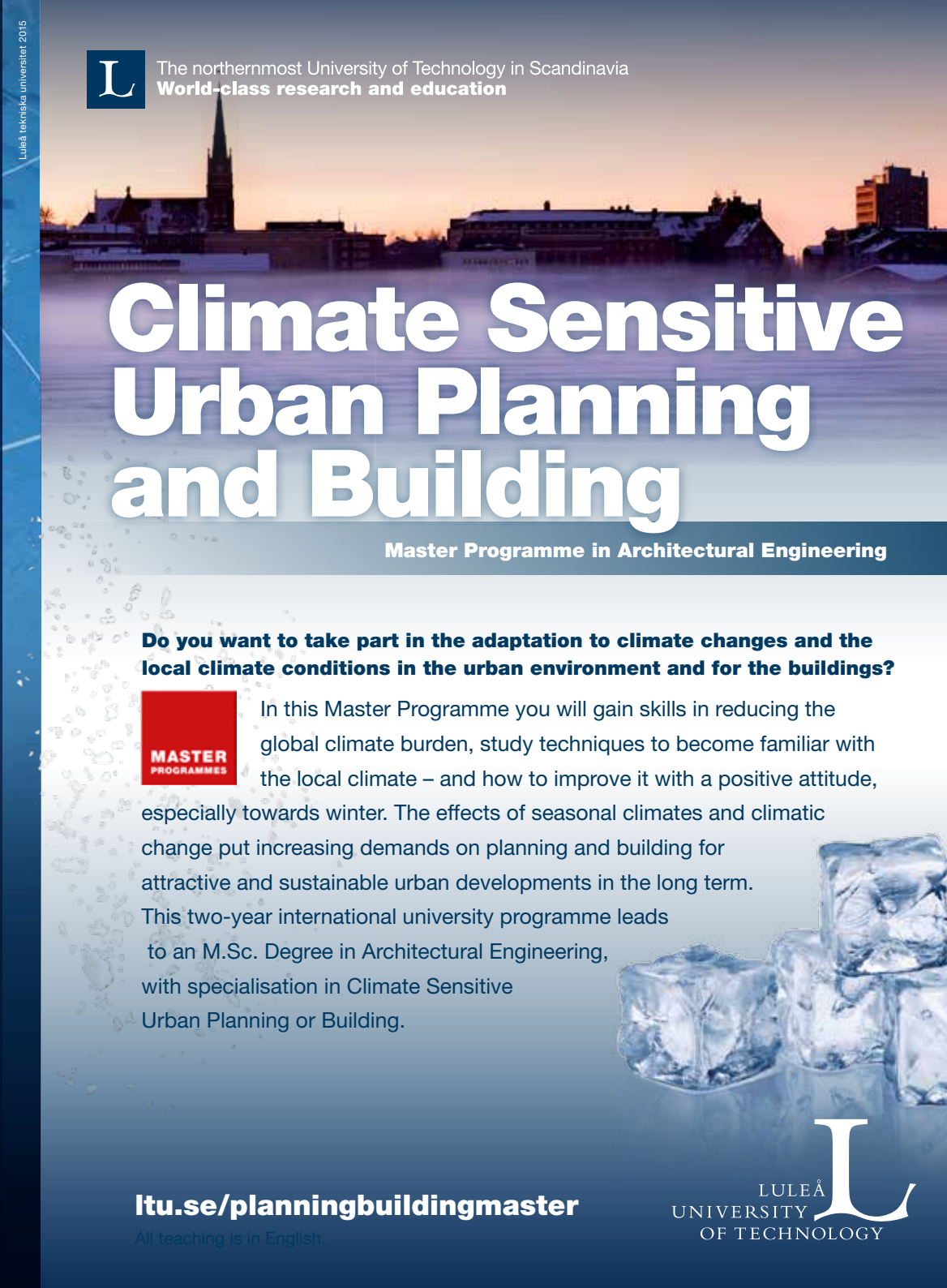
itu.se/planningbuildingmaster

Luleå University of Technology

971 87 LULEÅ
 +46 20-49 10 00
 E-mail: General, Studies
itu.se



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World-class research and education



Climate Sensitive Urban Planning and Building

Master Programme in Architectural Engineering

Do you want to take part in the adaptation to climate changes and the local climate conditions in the urban environment and for the buildings?



In this Master Programme you will gain skills in reducing the global climate burden, study techniques to become familiar with the local climate – and how to improve it with a positive attitude, especially towards winter. The effects of seasonal climates and climatic change put increasing demands on planning and building for attractive and sustainable urban developments in the long term. This two-year international university programme leads to an M.Sc. Degree in Architectural Engineering, with specialisation in Climate Sensitive Urban Planning or Building.



itu.se/planningbuildingmaster

All teaching is in English.



Specialisations

The programme focuses on and links climate sensitive planning and building. You can choose either specialisation. Choice of specialisation is made after the applicant has been accepted.

Climate Sensitive Urban Planning and Design

Planning and design of urban projects adjusted to seasonal climates and climate change. Applying the knowledge to applicable situations in spatial planning and urban design.

Climate Sensitive Building

Planning and managing building projects adjusted to seasonal climates and climate change. Applying the knowledge to applicable situations in architecture and building.

Image of "Ortdrivaren" city of Kiruna, design by Ralph Erskine.

Labour Market

The knowledge given by the master programme is requested from various fields of labour: National and regional agencies, local authorities, consultancies, etc. both nationally and internationally. This master programme is also a suitable basis for future PhD-studies.

Common Courses

- Climate Conditions ■ Sustainable Urban Development
- Climate Landscape and Built-up Areas ■ Digital Urban Planning & Design
- Snow and Ice ■ Climate, Project Course ■ Climate and Human Activity
- Development Project (Climate Adaption) ■ MSc Thesis Work

- Urban Morphology ■ Urban Drainage ■ Planning Methods
- Urban Environment

- Building Technology ■ Structural design ■ Architectural Building Programming
- Architectural Building Planning

More information



This programme is fully integrated the Bologna model of higher education. This means that you as a student will be given credits according to this standard (one full year is equivalent to 60 ECTS) and individual modules will run in blocks of 7,5 ECTS. Some courses will be compulsory to all students while others will be individual and chosen based on your preferred specialisation. Students from EU/EEA and Switzerland will not be charged fees.

General entry requirements

Bachelors degree of minimum 180 ECTS with at least 60 ECTS in the area of Architecture, Building construction and design, Urban design, Urban Planning, Spatial planning, Landscape planning, Civil Engineering, Traffic Planning or similar. At least 22,5 credits in Mathematics at university level is required. Applicants must have documented skills in English corresponding to the level of English in Swedish upper secondary education (English B). Proven language proficiency in English, can for example be shown by an international English test as TOEFL or IELTS. Some specified university studies can also be equivalent. You can find the details at www.ltu.se/planningbuildingmaster

For more information, please look further and apply here:
University homepages: <http://www.ltu.se/master>
Study in Sweden: <https://www.universityadmissions.se>

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International student office for practical guidance
E-mail: International.Office@ltu.se