



LUND
UNIVERSITY

MSc in Disaster Risk Management and Climate Change Adaptation

LUND UNIVERSITY, SWEDEN

- Master of Science in Disaster Risk Management and Climate Change Adaptation
- 2 years, full-time, 120 ECTS credits
- Division of Risk Management and Societal Safety
- Lund campus
- Application deadline: January 2021
- Programme start: August 2021

Programme overview

The trend of increasing disasters and related losses is a truly global challenge. The changing global risk landscape due to processes such as climate change, urbanisation, and the increasing complexity of modern society poses major challenges for sustainable development and must be addressed with an interdisciplinary approach. A growing number of governments and international organisations acknowledge the necessity to increase their efforts in disaster risk management and climate change adaptation in order to successfully adjust to changing environments and develop safe and sustainable societies.

The Master's programme in Disaster Risk Management and Climate Change Adaptation has support from important national and international institutions, e.g. UN agencies, the Red Cross/Red Crescent movement, NGOs and national authorities.

The programme contributes to meeting the need for qualified professionals who can:

- contribute to resilient and sustainable societies through use of interdisciplinary concepts, methods and tools within disaster risk management and climate change adaptation
- apply skills in risk assessment, capacity assessment, preparedness and contingency planning, and risk based land use planning
- work with capacity development and project management for disaster risk management and climate change adaptation in local, national and international organisations or agencies
- utilise and contribute to research in this field

The programme offers a mix of practical and theoretical learning with a strong focus on group work and interaction between students and teaching staff as well as with important actors

“A lot of programmes in this field focus on dealing with the disaster after it happens. We don't. Of course it is part of the programme, but our focus is on prevention and risk assessment. That is why professional organisations in this field are all so positive about this Master's programme – it will help to meet the need for qualified and professional staff.”

Marcus Abrahamsson, Head of the Division of Risk Management and Societal Safety at Lund University

within this field of study. Examples of the latter are involvement of experts from national and international organisations in some of the courses and the possibility of taking an elective internship-based course. The programme has connections with potential hosts for interns and students conducting research for their Master's thesis within the UN-system, the Red Cross/Red Crescent movement and Governmental agencies on different administrative levels in various parts of the world.

Students come from all over the world and from various academic disciplines, such as engineering science, social science, political science, natural science and environmental science. Even if previous work experience is not a requirement to enter the programme, most of our students have professional or volunteer experience.

Programme modules/courses

COMPULSORY COURSES AND NUMBER OF CREDITS: Societal Resilience (7.5), Foundations for Risk Assessment and Management (7.5), Capacity Development (7.5), Direction and Coordination in Disaster Management (7.5), Risk Based Land Use Planning (7.5), Climate Smart Risk Reduction (7.5), Preparedness and Planning (7.5), Risk Perception, Communication and Human Behaviour (7.5), Humanitarian Logistics (7.5), Research Methodology (7.5), Master's degree project (30). **ELECTIVES, 30 CREDITS IN TOTAL:** Internship-based course (15), Critical Infrastructure Resilience (7.5), Geographical Information Technology – Introduction (15), Fundamentals of Logistics and Operations Management (7.5), Integrated Water Resources Management: International Aspects (7.5). Additional courses might be available, e.g. in areas of public health, gender, migration and development.

Career prospects

Students graduating from the Master's programme in Disaster Risk Management and Climate Change Adaptation will be attractive for a career with actors contributing to a more resilient and sustainable society, ranging from local and national authorities to international actors as well as private consultancies. Graduates have acquired a broad understanding of the field and have an ability to apply skills and generic tools in various working contexts. The programme provides qualifications for both professional activities in society and for research studies at PhD level.

The network of organisations supporting the programme have





in their letters of support for the programme emphasised the need for professionals with qualifications in e.g. resilience, risk assessment and management, preparedness/contingency planning and capacity development, topics which are at the core of the programme.

Entry requirements and how to apply

ENTRY REQUIREMENTS

A Bachelor's degree with relevance to the applied education. English Level 6 (equivalent to IELTS 6.5, TOEFL 90). See www.lunduniversity.lu.se for details on English proficiency levels.

HOW TO APPLY

1. Apply online: Go to www.lunduniversity.lu.se/disaster-risk-management. Click on "Apply" and follow the instructions for the online application at the Swedish national application website www.universityadmissions.se. Rank the chosen programmes in order of preference.

2. Submit your supporting documents:

- **General supporting documents:** Check what documents you need to submit (i.e. official transcripts, degree diploma/proof of expected graduation, translations, proof of English, passport) and *how* you need to submit them at www.universityadmissions.se
- **Programme-specific supporting documents:** When applying for the MSc in Disaster Risk Management and Climate Change Adaptation, you must also submit a CV and a statement of purpose when you apply to this programme. For instructions regarding the statement of purpose, please visit the programme webpage. Applicants should provide an official explanation of the grading scale of their Bachelor's degree (this could be in the form of a link to a website), if such an explanation is not printed on the transcript.

3. Pay the application fee (when applicable).

SELECTION CRITERIA/ADDITIONAL INFO

The selection is based on academic qualifications and a statement of purpose.

TUITION FEES

There are no tuition fees for EU/EEA citizens. For non-EU/EEA citizens, the tuition fee for this programme is SEK 145 000 per year. See www.lunduniversity.lu.se for details on tuition fees.

About the Faculty of Engineering

The Faculty of Engineering, LTH, is as a place for dreams and discoveries. We inspire creative development of technology, architecture and design and teach some of Sweden's most attractive Master's programmes, all built on a broad research base. LTH is among the leading engineering faculties in Europe with close to 10 000 undergraduate students. Over 1 000 researchers at LTH work hard to improve the quality of life for people and promote a more careful use of the Earth's resources. Our vision is: Together we explore and create – for the benefit of the world. A world record in 5G technology, solar celldriven water purification, early cancer diagnosis, nanotechnology for more efficient solar panels, and a health-promoting oat drink are some of the innovations developed at LTH.

About Lund University

Lund University was founded in 1666 and is repeatedly ranked among the world's top 100 universities. The University has 40 000 students and more than 8 000 staff based in Lund, Helsingborg and Malmö. We are united in our efforts to understand, explain and improve our world and the human condition.

Lund is the most popular study location in Sweden. The University offers one of the broadest ranges of degree programmes and courses in Scandinavia, based on cross-disciplinary and cutting-edge research. Because of its wide disciplinary range, interdisciplinary collaborations and engagement with wider society, Lund University is particularly well equipped to meet complex societal challenges. With partner universities in around 70 countries, the University's profile is distinctly international.

Lund University has an annual turnover of more than EUR 830 million, of which two-thirds go to research in our nine faculties, enabling us to offer one of the strongest and broadest ranges of research in Scandinavia.

Learn more at www.lunduniversity.lu.se

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CONTACT

Programme webpage

www.lunduniversity.lu.se/disaster-risk-management

Programme Director

Magnus Hagelsteen

msc.drmcca@lth.lu.se, +46 46 222 9828