

Ecotechnology and Sustainable Development International Master's Programme



*Become an environmental
specialist and open the door
to better career opportunities!*



Mittuniversitetet

MID SWEDEN UNIVERSITY

www.miun.se/ecosud



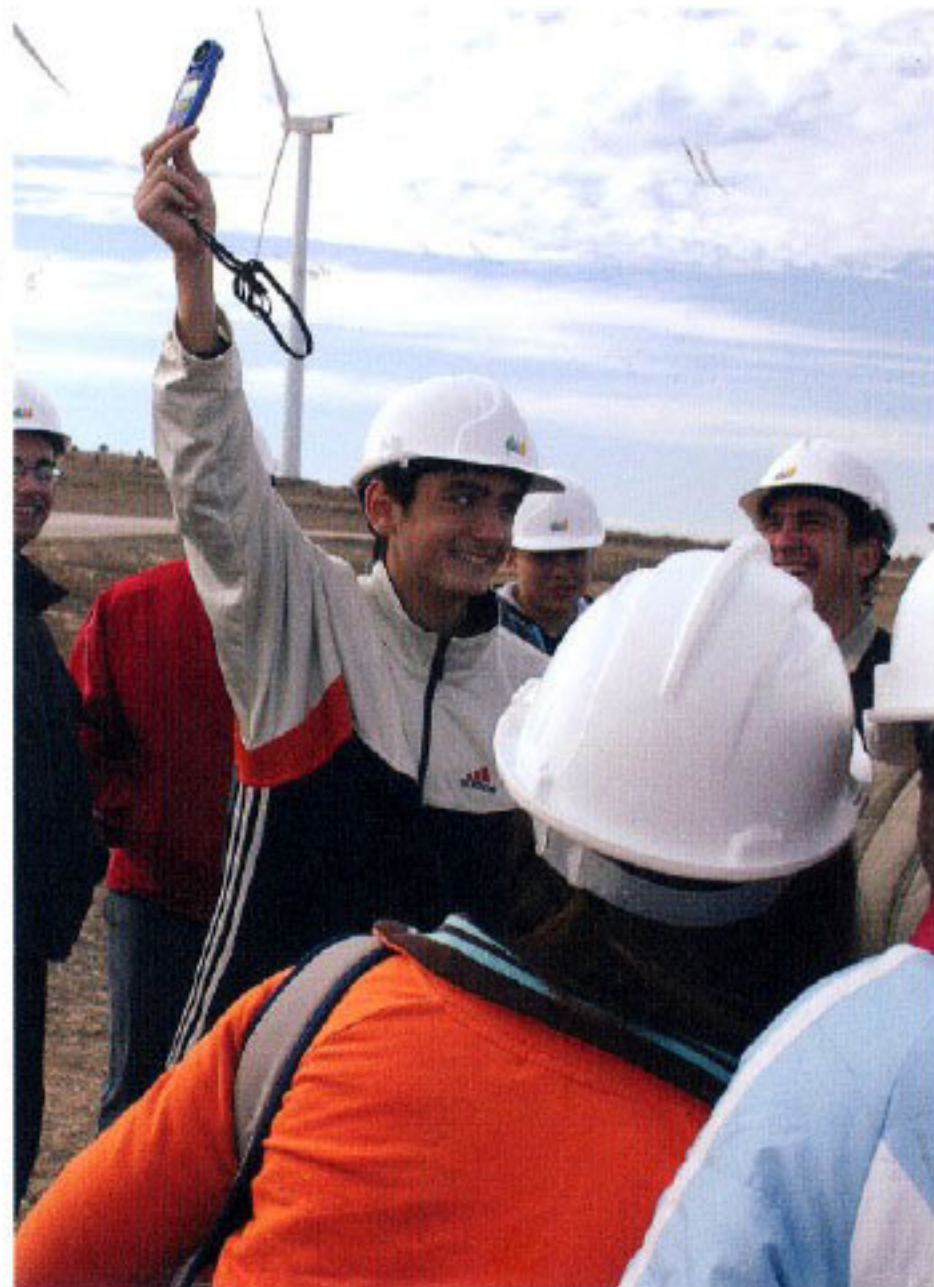
The Master's Programme

Mid Sweden University offers education in Ecotechnology and Sustainable Development. This interdisciplinary international master's programme emphasizes both conceptual and practical aspects of ecotechnology, environmental science and sustainable development.

Mid Sweden University is an energetic and modern educational establishment where students can thrive and develop their skills. Immersed in this intellectually positive atmosphere, the master's programme is evolving to address new environmental challenges. The programme continues on the long tradition of environmental education in Östersund. Ecotechnology has been developed and practiced here since 1983, with its roots in the 1970s. Those early environmental studies in Östersund have become a source of inspiration for Swedish environmental education in general.

International Studies

The master's programme in Ecotechnology and Sustainable Development has attracted numerous students from around the world. Employers on the national and international scene recognize the ecotechnological and environmental science expertise of the Mid Sweden University master's programme. Many of our former students are currently working as environmental engineers, analysts or consultants, or they are enrolled in doctoral level studies pursuing their careers in ecotechnology and environmental science.



Holistic Approach

The master's programme in Ecotechnology and Sustainable Development at Mid Sweden University aims to build and strengthen the competence needed for a holistic approach towards sustainable development. The approach has a strong interdisciplinary focus on scientific, political, legal, economic and engineering aspects all needed when facing environmental challenges.

Application Deadline

Please note that there are different application deadlines for free-mover, international applicants, exchange students and for Swedish citizens and permanent residents. It is important that you submit your application on time. The earliest deadline is for international free mover students and it is usually set at the beginning of the calendar year.

For the **application deadline** and the current application procedure visit:

www.miun.se/ecosud

Background

In the Ecotechnology and Sustainable Development programme, emphasis is placed on developing a broad understanding of the possibilities and limitations for the utilization of natural resources from different perspectives. Advanced methods and approaches are applied to identify and describe problems and solutions within the complex framework of sustainable development. This education also provides proficiency in carrying out the process of innovation and implementation of ecotechnology through a systematic approach.

The scope of the programme is international and multicultural. The programme is recommended for those who will work within the broad areas of environmental issues and sustainable development in academia, research and development, companies, national organizations, international organizations, and different authorities in developed as well as developing countries. Students that are taking this master's specialisation share an interest in sustainable development, combined with a background in other fields, such as, environmental science, ecotechnology, engineering, media, law, economy and ethics.



Programme Structure, Duration and Financial Matters

The master's programme in Ecotechnology and Sustainable Development takes either one or two years to complete. The first year is devoted to environmental science and engineering. The courses cover the concept of sustainability, ecotechnology, innovation systems and diffusion of technology, and implementation of environmental objectives. For students following the one year version of the programme the spring semester ends with a 15 ECTS thesis. The second year of the two year version is devoted to the student's choice of courses in the autumn semester, and a 30 ECTS master's thesis on a relevant topic in the spring semester. Students graduate with a one year or two years master's degree in environmental science.

The programme is open to students from all over the world, and English is the official language. No knowledge of the Swedish language is required. Tuition expenses are covered by the Swedish government. However, students are expected to cover living costs, insurance and student union fee (approximately SEK 7 500 per month). The number of available spaces in the programme is limited.

Admission Requirements

Applicants must hold a bachelor's degree that includes at least 45 ECTS (1,5 full semesters) of environmental science or equivalent academic qualifications. Proven proficiency in English is also required.

For information on preparing your application visit: www.miun.se/ecosud



Courses Included	ECTS	One year Master	Two year Master
Year 1			
- Technology and Society from an Environmental Perspective	7,5	✓	✓
- Methodology from a Systems Perspective	7,5	✓	✓
- Innovation Systems and Diffusion of Technology	7,5	✓	✓
- Ecotechnology	15	✓	✓
- Instruments for Sustainable Development	7,5	✓	✓
- Climate Change, Impact and Action Strategies	7,5		✓
- Energy and Material Flow Assessments	7,5		✓
- Master's Thesis (Individual Assignment)	15	✓	
Year 2			
- Student's choice of optional courses	30		✓
- Master's Thesis (Individual Assignment)	30		✓
		60 ECTS	120 ECTS

Mode of Teaching

Academic lectures are given by professional experts and research scientists. In addition, the university's modern approach to advanced teaching frequently includes project-based studies and exercises carried out individually or in groups. In order to develop both the competence for individual work and interpersonal skills, real life in-hand training is included. Students will have the opportunity to explore real case studies in close cooperation with relevant organizations in the community. Detailed information on distribution of credit points, modules, and evaluation procedures will be provided at the beginning of each course.

Östersund – quality of life in Sweden

The city of Östersund and its surroundings offer excellent opportunities for a high quality of life. More information in English can be found on: <http://www.ostersund.se/> or <http://www.turist.ostersund.se/> and general information about Sweden on: <http://www.sweden.se>

Further information regarding the programme can be obtained from:
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E-mail ecosud@miun.se



"The ECOSUD program has given me a strong environmental background and has allowed me to get my career headed in the green direction I wanted."

Justin Downey
Canada

"The "ECOSUD programme was challenging and arousing. It gave me the best opportunity to start my career in the environmental management field."

Robert Blessing Mangoyana
Zimbabwe



"Joining the program really deepened my understanding of the environmental issues and working in an international group opened my eyes for different ways of thinking."

Ulla Kananen
Finland

"The ECOSUD programme has really increased my knowledge of sustainable development. The work has been demanding, especially the seminars and group projects, but it has given me a much better understanding of the issues. The interdisciplinary focus has helped me to see the multiple aspects of sustainable development."

Nilla Persson
Sweden



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