



Master's Program in Ecotechnology and Sustainable Development

(60 credit points, 90 ECTS credits) at Mid Sweden University
www.mh.se/ecosud

The Master's Program in Ecotechnology and Sustainable Development at Mid Sweden University aims to build and strengthen the competence needed for a holistic approach towards sustainable development through an efficient use of natural resources.

Ecotechnology and Sustainable Development has a strong focus on social, technical, environmental, and economical aspects of utilization of natural resources, within the context of sustainable development. The program provides a broad but systematic education, which covers a wide array of interdisciplinary studies on society-resources-environment. A strong emphasis is placed on developing a wider understanding of limitations and possibilities of the utilization of natural resources in different perspectives. Advanced methods and approaches are applied to identify and describe issues and possible solutions within the complex framework of sustainable development. This education also provides proficiency in carrying out a systematic approach to environmentally sound innovation-to-implementation of ecotechnologies.

The curriculum spans one and a half year (3 semesters), of which one semester contains an individual thesis-project on a relevant subject. The courses cover the concept of sustainability, innovation systems, diffusion of

technology, scenario studies and implementation processes. An analytical toolbox is included, containing methods for environmental assessments in a broad system perspective.

The scope of the Ecotechnology and Sustainable Development program is international and multicultural. The program is recommended for those who will work within the broad areas of ecotechnology and sustainable development in academia, research and development, companies, national and international organizations and different authorities in developed as well as developing countries.

Teaching will frequently be in the form of project-based studies in groups or individually, and teachers are active researchers in relevant fields. Students of all nationalities are welcome and English will be used as the study language. The number of students accepted is limited.

Further information: www.mh.se/ecosud

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