

International Joint Master's Programme NATURAL RESOURCES MANAGEMENT AND ECOLOGICAL ENGINEERING (NARMEE)

ecological

Why this degree?


In a world of increasing internationalisation, individual nations are increasingly extending and inter-penetrating their environmental impacts and 'ecological footprints'. Thus the 'new age' of sustainability demands a matching internationalisation of environmental management and stewardship. There is a need for people trained to work in an international setting.

What is it?

The 'Master of Natural Resources Management and Ecological Engineering' (NARMEE) is a two-year master combining both examination and thesis. Students are required to study at two universities, and will finish with a jointly-awarded degree.

All specialisations combine natural, technical and socio-economic sciences. In addition, a student may (within the limits of the programmes available at the partner universities) construct his/her own specialisation - an 'Individual Major'.

This master study has a strong international focus and is based on cooperation between the Lincoln University in Canterbury, New Zealand, the Czech University of Life Sciences Prague and the University of Natural Resources and Applied Life Sciences, Vienna. Based on the mission statements of the participating universities, the educational goal of the study program 'International Master in Natural Resources Management and Ecological Engineering', which is held in English, serves as preparation for an international career in the field of resource management and ecological engineering. The participating universities offer comparable and area of expertise-related studies in various subjects.



interdisciplinary

Target Group

Students seeking preparation for an international career. The master study is an interdisciplinary one and includes the following areas of expertise:

- + **Ecological Engineering (EE)**
(dealing with environmental engineering, river engineering, soil management, water resources management)
- + **Nature Conservation and Wildlife Management (NC)**
(topics include ecological basics in wildlife & natural resources, land use practices and conflicting wildlife issues, socio-economic aspects of wildlife, wildlife & natural resources management - methodological contributions)
- + **Risk Management (RM)**
(topics include processes, mitigation measures, risk management of mountain hazards, operational basics)
- + **International Business and Sustainability (IB)**
(aspects covered include: introductory economics, research methods and skills, institutions and space, practical problem solving)

This offer is supplemented by the incorporation of knowledge in the fields of social sciences, law and business sciences.

	Semester	ECTS (120)	SWS	International Master in Natural Resources Management and Ecological Engineering
Subjects	1	6	7	Introduction and Case Studies
		24	16	Basic Studies in EE, NC, RM, IB (24)
	2	30	20	General Skills (30)
Thesis and related subjects	3	30	12	Specialisation related to Thesis (18)
			6	Elective Field of Concentration (10)
			2	Master Thesis Seminar (2)
	4	30	-	Thesis (30)

future oriented

Admission?

Prerequisite for admission to this programme is a degree from an accredited university or university-like institution [bachelor / master or their equivalents].
The target group consists of persons with good English skills and an academic degree in technical or natural sciences, environmentally-oriented business or economics or related sciences.

Last but not least: Career prospects

Fields of Activity

Graduates of the international master in 'Natural Resources Management and Ecological Engineering' are specialized in sustainable environmental management and integrate technical, ecological, economical, social and cultural aspects in their fields of work.

Fields of Work

Graduates of this master study are especially required for the following fields of work: General management and administration in national and international contexts, especially in international organizations (private or governmental) such as the European Commission, FAO etc., technical and administrative planning offices, which are engaged with questions of development cooperation, environmental associations on a national scale, civil engineering, freelance consulting offices, in the field of quality management as well as in research and education. Further fields of work open up in the following areas: sustainable management of natural resources, environmental management, ecological engineering or business for sustainability.



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