



Admissions at a Glance

Requirements

- hold a university degree (Bachelor) related to engineering, natural sciences, geography, agricultural or social sciences
- have an academic or professional background related to environmental or resources management
- be fluent in English (B2 or equivalent to study in Vietnam, IELTS 6.0 for exchange to Germany)
- motivation letter for this MSc course on one page (English)
- A research idea on two pages (English)

Study Fees

- ca 60.000.000 VND (~ € 2400) for the whole program in Vietnam and master degree by TLU
- ca 120.000.000 VND (~ € 4700) including exchange to Germany and master degree by TH Köln

Scholarships

- Scholarships from DAAD for study one exchange semester in Germany: flight, accommodation, allowance, semester fee, insurance are all covered (€750/month x 6 months)
- DAAD scholarships for Vietnamese students and foreign students to study in Vietnam: €150/month x 6 months/semester + full tuition fee for one semester (for 30% of total students based on study achievements)

Application Process

- Application period: from January 1st to June 15th each year
- Course starts at the beginning of August each year

Questions? Please contact:

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Master of Science Natural Resources Management and Development

with focus on South East Asia

Master of Science in Natural Resources Management

Global population, economic growth and on-going environmental deterioration are increasing the pressure on existing natural systems. Their ability to provide natural resources such as food, water and energy is at risk and waning. Under conditions of globalization, these processes are most forceful in developing countries and emerging economies with high growth rates, low awareness, loss of existing traditional knowledge bases and weak governance structures. This calls for specialists and leadership in order to develop and employ managerial, economical, governance, and technical solutions. The objective of the program is to form such experts. Participants are provided with appropriate knowledge and skills to analyze current problems related to the usage and management of natural resources.

The program targets graduated professionals with working experience in public or private institutions, authorities and enterprises of the natural resources sector. The applicants should have an interest in learning and working in an intercultural and multidisciplinary environment.

This special course is a trilateral cooperation between the Institute for Technology and Resources Management in the Tropics and Subtropics (ITT) at TH Köln (University of Applied Sciences) and Thuy Loi University (TLU) and Vietnam Academy of Water Resources (VAWR) - Vietnam.

Study structure

The module system is designed to provide students with the theoretical background like comprehensive foundation in the geography of tropical and subtropical regions, economics, international development and management and practical skills. The first three semesters cover scientific work, research methods and thesis preparation. In the last semester, students take part in the field work and focus on the master thesis.

Classes are held in English and take place Mon–Fri, 4 to 8pm.

International exchange and research opportunities

- opportunity to participate in Joint-Student-Projects with the students from international partners (Brazil, Chile, Nepal,...)
- opportunities to join on-going research projects

Program Overview

1st Semester
held in Vietnam

Problem Definition and Analysis

Project I

Management of
Natural Resources System

Natural Resources
Economics and Governance

Elective Modules (3)

2nd Semester
held in Vietnam

Concepts and Solutions

Project II

Project and
Business Management

International Cooperation
and Development

Elective Modules (3)

3rd Semester
held in Vietnam or Germany

Contextual Implementation

Project III

Master Thesis Preparation

Elective Modules (4)

4th Semester
held in Vietnam

Practical Semester

Master Thesis Research

Master Thesis Defense

The curriculum is complimented by field visits, expert seminars, and tandem work.

Career Prospects

- excellent career opportunities in international cooperation and development assistance
- leadership positions in the public and private sector
- be a part of a network of excellence on natural resource management

What do we offer?

- an exchange semester in Cologne, Germany
- German M.Sc. Degree issued by TH Köln
- a program based on the European Credit Transfer System (ECTS), accredited in Germany
- German and Vietnamese professors from ITT, TLU and VAWR as well as external institutions
- courses and field visits on the latest concepts and technologies of natural resources management

- individual tutoring through e-learning platforms
- network partners in universities, research institutions, the public and private sector and the development aid sector
- support to pursue higher qualification (Ph.D) in Germany and Vietnam
- a lively ITT Alumni network