

## Admission Requirements

In order to apply for the MSc course, you need to:

- hold a university degree (Bachelor degree) 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 (TOEFL: min. 550 points, or equivalent)
- Proof of a relation to the natural resources management through the previous studies of minimum 15 ECTS
- describe your motivation to study this MSc course on one page (in English)
- hand in a research idea on two pages (in English)

## Tuition Fee

- Total cost of the MSc course (including 1 semester in Germany): ca 112.500.000 VND (~ € 4500)

## Scholarships

- DAAD scholarships are granted to outstanding Vietnamese students and to foreign students who come to Vietnam to take part in the course
- Scholarships from DAAD and CNRD (Centers for Natural Resources and Development) are available for all students to study one exchange semester in Germany
- Other scholarship might be available on request

## Application

- Application period: from December 15th to June 30th each year
- Screening application: until March 30th
- Final deadline: May 30th each year
- Course starts at the beginning of September each year

Please download the application form from the homepage:  
[www.tt.th-koeln.de/study](http://www.tt.th-koeln.de/study)



Technology Arts Sciences TH Köln  
(University of Applied Sciences)  
Institute for Technology and  
Resources Management in  
the Tropics and Subtropics (ITT)  
Betzdorfer Straße 2  
50679 Cologne, Germany  
[www.tt.th-koeln.de](http://www.tt.th-koeln.de)

Prof. Dr. Lars Ribbe  
T +49 221 8275-2111  
F +49 221 8275-2736

Questions? Please contact:

**[info-iwrmvn@itt.th-koeln.de](mailto:info-iwrmvn@itt.th-koeln.de)**  
**[www.tt.th-koeln.de/study](http://www.tt.th-koeln.de/study)**

Vietnam Academy for  
Water Resources (VAWR)  
Center for Training and  
International Cooperation (CTIC)  
171 Tay Son – Dong Da  
Hanoi, Vietnam  
[www.vawr.org.vn](http://www.vawr.org.vn)  
[www.ctic.org.vn](http://www.ctic.org.vn)

Assoc. Prof. Dr. Nguyen Tung Phong  
T +84 4 62923643  
F +84 4 38536290

The master program is supported by

**DAAD**

Deutscher Akademischer Austauschdienst  
German Academic Exchange Service



A German M.Sc. Exchange Program for South East Asia

## Environment and Climate Change Adaptation

Master program on Integrated Water  
Resources Management for South East Asia  
(IWRM-SEA) with one exchange semester in  
Germany



**ITT**

Institute for Technology and  
Resources Management in  
the Tropics and Subtropics

**Technology  
Arts Sciences  
TH Köln**

## IWRM - SEA – Master of Science (M.Sc.)

Adequate availability of clean water is indispensable for food supply and health and hence key for the development of societies worldwide. However, pressure on water resources is increasing due to fast demographic and socioeconomic growth and unsustainable water uses.

The concept of Integrated Water Resources Management (IWRM) combined with current climate change adaptation best practices offers solutions to deal with these challenges by assessing and managing this precious resource in space and time considering other related sectors.

Worldwide, there is a high and growing demand for experts adequately trained on the concepts of IWRM. Next to technical and managerial knowledge, they should also be familiar with the practices of project funding and international cooperation. The objective of the program is to capacitate such experts in the field of IWRM and related concepts and methods.

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

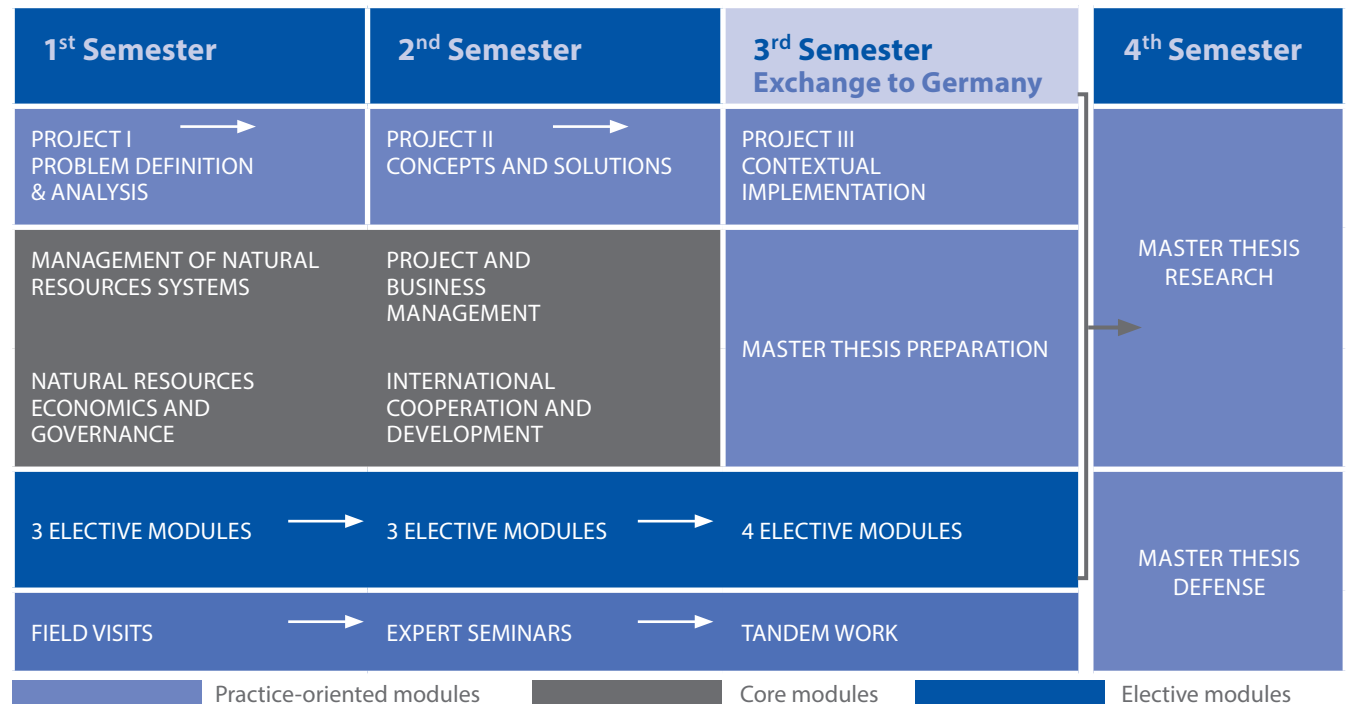
This special course is a bilateral cooperation between the Institute for Technology and Resources Management in the Tropics and Subtropics (ITT) at TH Köln (University of Applied Sciences) and Vietnam Academy of Water Resources (VAWR). ITT has educated more than 700 MSc students from many countries worldwide in the following three key domains: water, natural resources and renewable energy management. Cutting edge teaching concepts are combined with up to date research applications and field work.

VAWR/CTIC is responsible for water related country-wide applied research, international cooperation, technology transfer, post-graduate professional training, consultancy services and implementation of water supply and irrigation infrastructure, hydropower and environmental planning.

### International exchange and research opportunities

- Opportunity to participate in Joint-Student-Projects with the students from international partners (Brazil, Chile, Nepal,...)

### Program Structure



- Opportunities to join on-going research projects

### MSc program structure

Four semesters of study:

- 1st and 2nd semester in Vietnam
- 3rd semester in Germany
- 4th semester in Vietnam or Germany

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: Monday – Thursday from 5 pm to 9 pm
- Language of instruction: English

### 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 and VAWR as well as external institutions
- Individual tutoring through E-learning platforms
- A worldwide alumni network and summer schools
- 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

### Your perspectives

- Excellent career opportunities in international cooperation and development assistance
- Leadership positions in the public and private sector
- Being part of a network of excellence on IWRM