



Background and Objective

While the Latin American and Caribbean Countries (LAC) experience a strong economic development, concerns on environmental degradation and contamination are continuously growing. The region faces serious challenges such as population growth, rapid urbanisation and industrialisation processes which require efficient environmental policies and programmes with respect to the sustainable management of natural resources.

The international master program „Environment and Resources Management“ aims to qualify young professionals from Latin America and Germany to work successfully in the area of environmental management in an international context.

The program draws upon the expertise and experience of the well established and accredited master programmes “Multidisciplinary Postgraduate Programme on Environmental Sciences - PMPCA” (Universidad Autónoma de San Luis Potosí, UASLP) and „Technology and Resources Management in the Tropics and Subtropics - TERMA“ (Cologne University of Applied Sciences, CUAS). Both programmes are offered at interdisciplinary units of the two prestigious universities.

Both institutions have decades of experience in interdisciplinary applied research in the fields of integrated water management, interactions between water and land resources and climate change, remediation of the contamination through mining residuals.



What do we offer?

- Double Degree: The Master course is composed of the two existing master courses MPPES and TERMA; therefore the students will obtain a degree of each university
- courses, internships and technical field visits on the latest concepts on natural resources management and environmental technologies
- training on project management and intercultural communication
- insight in ongoing projects of international cooperation
- field visits to relevant public and private institutions related to environment and resources management
- living and learning in Mexico and in Germany

What do we expect?

In order to participate you should

- have an academic background (minimum Bachelor degree) related to Environmental Management: natural sciences, engineering sciences, geography, agricultural or social sciences
- have an above average grade. For Mexican students, an average of minimum 8.0 is required, for other countries an equivalent average is necessary
- be fluent in English (TOEFL 550 points or equivalent)
- have fluent proficiency in Spanish for the German participants
- have basic knowledge of German language for Mexican and Latin American participants (advantageous)
- be highly motivated to learn in a multicultural environment

Program

The two years MSc. programme consist of three in-class semesters in Mexico and Germany as well as one semester for field research in Latinamerica and the elaboration of the Master thesis. Unterrichtssprachen sind Spanisch und Englisch.

Overview of Modules:

1st Semester	2nd Semester	3rd Semester	4th Semester
Sustainable Management SM	Three Electives	Four Electives	Master Thesis Research
Ecology EC	Multidisciplinary Seminar MS		Submission of the Master Thesis Report
Environmental Management EM	Thesis Work TW	Team Project TP	Presentation of Master Thesis
Introduction to Statistic IS	Thesis Seminar TS	Thesis Work TW	
Basic Module	Project Work	Electives	

Electives (Major areas):

- Mexico: Prevention and Control, Environmental Assessment, Renewable Natural Resources, Environmental Management, Environmental Toxicology
- Germany: Integrated Water Management, Environmental and Land Use Management, Renewable Energy Management, Regional and Urban Management

Career Perspectives

Graduates of the international master program will be prepared for a high-level professional performance and to contribute to the environmentally sustainable development. Potential employers are:

- international cooperation institutions
- universities and research centres
- NGOs
- government ministries or agencies
- consultings of the environmental development sector

Facts and Figures

Who will participate?

- Mexican, Latin American, and German participants selected on a competitive basis

Scholarships by DAAD and CONACYT

- German students receive a partial scholarship for the time abroad
- Latin America students receive scholarship to cover their living costs throughout 4 semesters

Start of preparatory phase

- Mid July each year



Contact

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Application

Application deadline:

- 28th of February each year

Application form and further information available under

- www.enrem-master.info



Fachhochschule Köln
Cologne University of Applied Sciences



International Master Program

Environment and Resources Management
for Latin American and German young professionals

M.Sc.

offered by

Multidisciplinary Postgraduate Program
on Environment Science, San Luis Potosí
MEXICO

and

Institute for Technology and Resources Management
in the Tropics and Subtropics, Cologne
GERMANY

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