

Scholarships for the German-Mexican Master's Course „Environment and Resources Management (ENREM)“  
 Fachhochschule Köln/ Universidad Autónoma de San Luis Potosí  
Start: July 2012

### What are the goals of the programme?

In July 2012, the bi-cultural Master's Programme "Environment and Resources Management (ENREM)" will be matriculating new students for the fifth time. ENREM is jointly organized by the Cologne University of Applied Sciences and the Universidad Autónoma de San Luis Potosí in Mexico. The programme is aimed at young professionals from Germany, Mexico and other Latin American countries who already hold a first university degree and includes study phases both in Mexico and in Germany.

The programme structure takes an interdisciplinary and integrative approach, not only addressing questions related to the natural and environmental sciences but also taking the economic, political and cultural dimensions of the Latin American cultural area into consideration.

For this reason, comprehensive political and socio-cultural relations are components of the course alongside the technical subject matter. The university modules will be supplemented both methodologically and in content by preparatory Spanish or German language courses, modules for intercultural training, field excursions and interdisciplinary workshops on various topics.

The programme stretches over 25 months, the first two semesters of which are spent in Mexico and the third in Cologne. The fourth semester is reserved for field research in a Latin American country and for writing up the Master's thesis. The course is held in Spanish during the Mexican study phase and in English during the study phase in Germany. Successful completion of the course results in a Master's degree from each of the two universities.

### Who can apply?

Applications are open to participants from Germany and all Spanish- or Portuguese-speaking countries of Latin America.

### Target Groups

The target group of this Master's Programme are **young professionals from the fields of Ecology, Resource Management or Sustainable Development** who already have some work experience. Young professionals with a background in natural or social sciences can also apply.

**A total of 21 scholarships are available: 7 for Mexican students, 7 for students from other Latin American countries and 7 for German students.**

### What is funded?

The programme is jointly sponsored by the DAAD (with resources from the Federal Ministry for Economic Cooperation and Development (BMZ) and the Federal Ministry of Education and Research (BMBF) and the Mexican National Council for Science and Technology (CONACYT).

#### Partial scholarship for German applicants:

- During the study phase in Mexico currently € 800 per person and month (partly funded by DAAD and CONACYT)
- During field research (up to three month) € 800 - € 900 per person and month, depending on the target country (funded by DAAD)
- Preparatory course, travel subsidies as well as health, accident, and liability insurance (funded by DAAD)

### Full scholarship for Latin American applicants:

- During the study phase in Mexico currently € 465 - € 500 per person and month (depending on exchange rates, funded by CONACYT)
- During the study phase in Germany € 850 (depending on exchange rates, funded by CONACYT)
- Travel subsidies, health, accident and liability insurance (partly funded by CONACYT and DAAD), study and research subsidy, preparatory course (funded by DAAD)

### Application

The following documents have to be handed in digitally:

- Completed and signed application form (English)
- Document proving the higher education entrance qualification (Spanish, English or German)
- Higher education graduation certificate plus academic record (Spanish, English or German)
- Explanation of the higher institutions grading system
- Curriculum vitae in tabular form using the "Europass" format (English) [www.europass.cedefop.europa.eu](http://www.europass.cedefop.europa.eu)
- Proof of English proficiency (TOEFL 550 points, IELTS band 6 or equivalent test). If an applicant's first language is English or his/ her university studies have been conducted in English, a written proof from the university can be sent in instead.
- Proficiency in Spanish for German applicants
- Letter of motivation (1 page, English)
- Formulated project idea for master thesis (2 pages, English)
- Two letters of recommendation (preferably one of the current employer)

A selection committee consisting of professors and representatives from the universities from DAAD and from CONACYT will nominate the candidates for a scholarship.

### Deadlines for applications

Applications will be accepted **until 31st January 2012** and should be sent directly to the programme, at the Cologne University of Applied Sciences (for German applicants) and at the Universidad Autónoma de San Luis Potosí (for Latin American applicants).

### Contact and further information

For more information regarding the programme and application, please visit the programme website: [www.enrem-master.info](http://www.enrem-master.info).

Should you have further questions, please contact: [info-enrem@itt.fh-koeln.de](mailto:info-enrem@itt.fh-koeln.de)

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River Basin Limari, Chile

## Admission

In order to participate you should:

- have an academic background (Bachelor degree) related to environmental management: natural sciences, engineering, earth sciences, 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 Latin American participants
- be highly motivated to learn in a multicultural and interdisciplinary environment

## Scholarships

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

## Application

- Application deadline: January 31st each year
- Course starts in July each year
- Application forms available on the website:

[www.enrem-master.info](http://www.enrem-master.info)

Institute for Technology and Resources Management in the Tropics and Subtropics (ITT)

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## Environment and Resources Management for Latin American and German Young Professionals

### Master of Science

Cologne University of Applied Sciences (CUAS)  
Institute for Technology and Resources Management in the Tropics and Subtropics (ITT)  
Germany

Autonomous University of San Luis Potosí (UASLP)  
Programme on Environmental Sciences (PMPCA)  
Mexico

## ENREM

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 programme *Environment and Resources Management* (ENREM) aims to qualify young professionals from Latin America and Germany to work successfully in the area of environmental management in an international context.

The programme 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 water and land resources, Climate Change and Natural Resources Management, Environmental contamination, toxicology, evaluation and management.



## Programme Structure

1st Semester	2nd Semester	3rd Semester	4th Semester
Core Modules	Three Elective Modules of Focus Areas	Four Elective Modules of Focus Areas	Thesis/ Field Work
	Team Project	Special Topic Seminar	
	Thesis Preparation	Thesis Preparation	Colloquium

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### Studies

The two years MSc. programme consist of three inclass semesters in Mexico and in Germany as well as one semester for field research in Latin America and the elaboration of the master thesis.

The courses will be taught in English and Spanish.

#### *Electives (Major study areas)*

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

### What do we offer

- Double Degree: The Master course is composed of the two existing master courses PMPCA and TERMA; therefore the students will obtain a degree of each university.
- Courses, expert seminars and technical field visits on natural resources management and state-of-the-art environmental technologies.
- Training on project management and development of intercultural communication skills by participating in ongoing projects in the field of international cooperation
- living and learning in Mexico and in Germany.

### Your perspectives

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