

INTERNATIONAL PROFESSIONAL MASTER'S IN WATERSHED MANAGEMENT VIRTUAL DISTANCE MODALITY

This master's program is aimed at professionals with an academic university degree in any field, who are active and interested in planning and management processes for natural resources, hydric resource management, environmental management, territorial management, or watershed management and co-management, who seek to develop their abilities in processes related to the participation of actors in watersheds. The general objective is to strengthen and develop competences, knowledge, skills, abilities and attitudes in the professionals who work or who are interested in the management or co-management of watersheds, based on the development of integrated, multi-disciplinary, participatory, ecosystem and territorial approaches.

Diploma and duration

Participants in the Master's program who fulfill all academic, administrative and economic requirements will be awarded the diploma corresponding to the academic degree of "Master in Watershed Management."

The Master's program has a total duration of 21 months, of which 18 months correspond to courses to develop the theoretical, conceptual, methodological and instrumental phases and 3 months correspond to the applied phase, also known as the graduation project.

General structure and courses

The minimum required academic load is 60 credits (1 credit=48 hours of dedication or effort), of which 46 correspond to courses and 14 to the graduation project. Besides the required courses, students in this master's program may take elective courses that complement the minimum required academic course load of 46 credits.

Required courses (46 credits)

- Recursos naturales y medios de vida (2 créditos)
- Sociología aplicada al manejo de cuencas hidrográficas (2 créditos)
- Sistemas de información geográfica I (2 créditos)
- Investigación bibliográfica y redacción técnica (2 créditos)
- Hidrología e hidráulica para el manejo de cuencas I (2 créditos)
- Economía y estadística ambiental (2 créditos)
- Manejo de cuencas I (2 créditos)
- Análisis espacial con sistemas de información geográfica (2 créditos)
- Manejo de cuencas II (2 créditos)
- Gestión integrada de recursos hídricos (2 créditos)
- Hidrología e hidráulica para el manejo de cuencas II (2 créditos)
- Ordenamiento territorial (2 créditos)
- Saneamiento de cuencas (2 créditos)
- Cambio climático, bosques y recursos hídricos (2 créditos)
- Planificación del uso de la tierra (2 créditos)
- Gestión del riesgo (2 créditos)
- Gobernanza en el manejo de cuencas (2 créditos)
- Formulación y evaluación de proyectos (2 créditos)
- Valoración económica de servicios ecosistémicos (2 créditos)
- Conservación de suelos y tecnologías para la cosecha de agua (2 créditos)
- Gerencia y liderazgo en cuencas (2 créditos)
- Gestión de conflictos en manejo de cuencas (2 créditos)
- Sistematización de experiencias (2 créditos)
- Preparación del proyecto de graduación (0 créditos)

Graduation project (14 credits)

The graduation project is the final requirement to obtain the title of Master in Watershed Management. It entails professional work with an estimated average duration of three months and which must be finished within 24 months of having begun the master's program. The graduation project may be executed in any country or organization in Latin America, including the student's own organization or institution.

Admission

The minimum of a university bachelor's degree is required. The résumé and university academic performance are evaluated, as well as the responses to the at-home Admission exam (available at <http://posgrado.catie.ac.cr>). Reception of these documents is open all year and the student should consult the date of the beginning of the academic period.

How to apply

The student must complete the admission application and send all indicated documents. This application can be found on line at CATIE's website <http://www.catie.ac.cr/posgrado>.

Cost

The cost is US\$ 8600, which covers registration, tuition, all classes, graduation fees, and diploma. This cost represents 25% of the cost of a Master's in Watershed Management taught in the classroom at CATIE.

Contacts

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