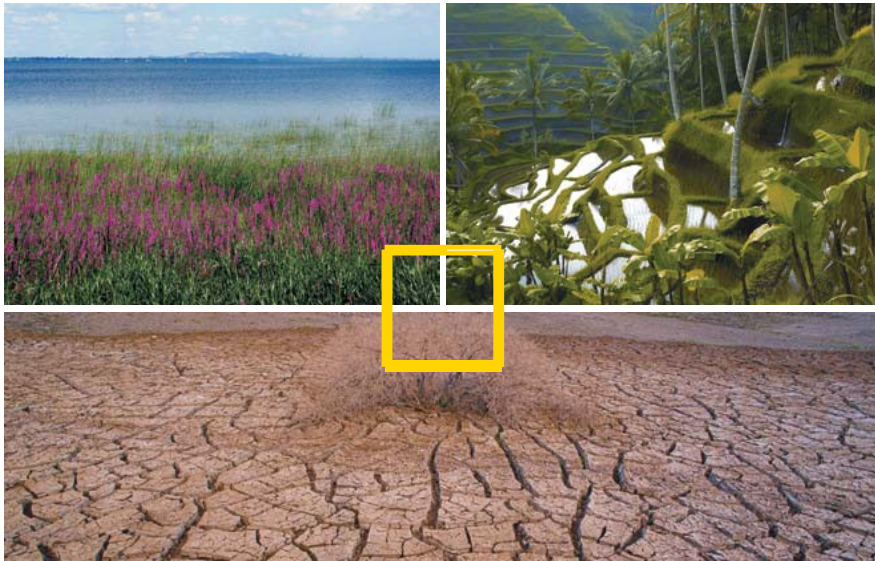


PROGRAMS IN INTEGRATED WATER RESOURCES MANAGEMENT



1-YEAR MASTER OF SCIENCE (NON-THESIS)

The efficient and sustainable management of water is an urgent global issue. Study the biophysical, legal, institutional and socio-economic aspects of water use and management in an integrated context.

INTERNSHIPS

A 3-month internship and project form a central feature of the Master's program. Examples of recent internships include: UNESCO in New Delhi, International Joint Commission, Environment Canada, Watershed Organizations in Canada and the USA, World Agroforestry Centre in Nairobi, World Resources Institute in Washington, CIDA, engineering and environmental consulting firms, and the Zuckerberg Institute for Water Research in Israel.

PRE-REQUISITES

Candidates are required to have a Bachelor's degree but this does not need to be an engineering degree. Students with various backgrounds are encouraged to apply (e.g., geography, international development, sociology, anthropology, biology, environmental studies, engineering, natural resource management).

The Department of Bioresource Engineering at McGill University offers two unique programs in environmental and water management:

A 1-year Master of Science in Integrated Water Resources Management (Non-Thesis)

Many watersheds around the world are facing increasingly complex water crises. These crises can only be addressed in an effective and sustainable manner if we transition to more integrated and adaptive forms of water resources planning, management and governance. Decision-making must be coordinated, cross-sectoral, and participatory, as well as adaptive; this will support water resource professionals today and in the future in their quest to ensure more sustainable water management globally.

Providing a unique opportunity to study the biophysical, environmental, legal, institutional, and socio-economic aspects of water use and management in an integrated context, McGill's Master's program in IWRM promotes a holistic perspective and awareness of water resources management issues through a wide range of courses offered by collaborating departments and faculties.

An 8-Week On-line Certificate in Integrated and Adaptive Water Resources Planning, Management & Governance

Taking a holistic look at water resources management with a specific focus on integrated water resources management (IWRM) and adaptive water management, this professional development certificate is designed specifically for those who want to upgrade their skills in water management concepts and practices. It aims to provide tools and training for watershed planning techniques, adaptive management strategies, capacity building approaches, water governance, and water risk assessment to strengthen IWRM capacities globally. Participants with diverse disciplinary backgrounds (e.g., geography, engineering, social sciences, business, etc.) are welcome and are encouraged to apply.

For any inquiries regarding the Master's program or on-line certificate, please contact:

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