Masters of Environmental Management
University of New Brunswick
Faculty of Forestry & Environmental Management
Fredericton, New Brunswick,

- A vibrant city of 50,000 residents
- Seat of the provincial government
- Host to two major Universities
- On the banks of the St. John River
  - “Fredericton ranks eighth in the world for clean air” (2011 World Health Organization)
  - “Gold Awards – Green Matters/Green Shops, Socio-Economic Category" (2010 *International Awards for Liveable Communities* endorsed by the United Nations Environment Programme)
  - "One of the World's Top 7 Intelligent Communities" 2009 & 2008 (*Intelligent Community Forum*)
• Two campuses with 11,400 graduate and undergraduate students
• 142 acre (57 ha) main campus
• Chartered in 1785
• Second oldest Forestry faculty in Canada (1908)
The objective of the Master’s Program in Environmental Management at UNB is to provide students with an integrated theoretical grounding in biophysical/social sciences, together with critical tools for assessment, communication, and management so they can fully investigate and report on the reciprocal relationships between human activities and biophysical systems.
Masters of Environmental Management Program

- Course-based program initiated in 2008
- 33 credit hours
  - 21 required credits
  - 6 project, 6 elective
- 16 month program
Masters of Environmental Management Program

Students from:
Canada, USA, China, Cameroon, Nigeria, Pakistan, Kenya, Finland.

Students come with backgrounds in:
Arts, Forestry, Biology, Sociology, Law, Engineering, Economics, Health Sciences, Geography, Statistics, Nuclear Technology
# Program Outline

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<td>ENVS 6002: Biophysical Foundations of Ecosystem Management (3cr)</td>
<td>GIS or elective</td>
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<td>ECON 6755: Environmental Economics</td>
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**Total: 9 Credit hours**  **Total: 9 Credit hours**  **Total: 6 Credit hours**  **Total: 9 Credit hours**
Faculty Resources

- There are 28 Faculty Members, 16 Adjunct Professors, and 32 Honorary Research Associates in the Forestry and Environmental Management
- There is expertise in soils, climate science, conservation biology, sociology, economics, hydrology, wildlife ecology, entomology, modeling, GIS, remote sensing
Individual Projects

We attempt to match students with outside “clients” (government, private sector, or NGOs) for their projects. In the past these have included:

- NB Dept of Environment
- One Tree Orchard Eco-Development
- NB Private Lands Task Force
- Wolastoqiyik Nawicowok Sacred Land Trust
- Souris & Area Branch of the PEI Wildlife Federation
- Fredericton Area Watershed Association
- Canadian Forces Base Gagetown
- Cypress Hills Interprovincial Park-Alberta
- Canadian Woodlands Forum

MEM students dressed up for final presentations!
Group Projects

In the Practicum Course, we also attempt to find clients with which we collaborate. To date, clients have included:

- One Tree Orchard Eco-Development
- Keswick Ridge Local Service District Advisory Committee
- Fredericton Food Bank
- Town of Peticodiac
A different sort of graduate school experience

- Students are exposed to many different professors and disciplines
- The course-based format creates a more structured learning environment
- Small classes enable field trips and hands on learning

Student graphs and charts of “sustainability” from an in-class activity
A different sort of graduate school experience

• Practicum & Field courses, class group projects, and shared study space create camaraderie
• Group projects builds teamwork abilities
• The result is a tight-knit community of grad students
Graduates are finding work!

- Department of Sustainable Resource Development - Alberta
- Dept of Environment, EIA Branch, NB
- Calvin Consulting Group, St. John, NB
- Waste Mgmt Inc, Chicago
- City of Moncton,
  - Sustainability Office
For more information...

About TRANSFOR-M

Prof. Brigitte Leblon

- Research and teaching in Remote Sensing, Photogrammetry and Photo-Interpretation
- Phone 506-453-4924
- Fax 506-453-3538
- Email: bleblon@unb.ca

About the MEM program

Prof. Tom Beckley

- Research and Teaching in Sociology of Resource Management, Public Involvement, Social Indicators, Community-based management
- Phone 506-453-4917
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- Email: beckley@unb.ca
Join Us!

Application Deadline – March 1st