



COLLABORATIVE SPECIALIZATION IN ENVIRONMENTAL STUDIES MEMORANDUM OF AGREEMENT

APPENDIX 1

Concerning the requirements for Master's and Doctoral degree students registered in the Department of Civil Engineering and in the Environmental Studies Collaborative Specialization at the School of the Environment.

- **Master's degree (M.Eng.; M.Eng.CEM; M.A.Sc.) in Civil Engineering**

Master of Engineering (M.Eng.) Requirements Non-Thesis Option:

Master's students who wish to qualify for notation of Environmental Studies Collaborative Specialization completion are required to complete the following requirements:

- All master's degree requirements as determined by M. Eng. degree program in the home unit;
- ENV 1001H mandatory core course, plus one half-credit (0.5 FCE) course elective from the School of the Environment list of approved courses;
- Take an environment related Internship (ENV 4444Y). A formal proposal for the internship must be submitted to the School of the Environment by the end of the second semester in residence;
- Write a brief research paper (ENV 5555Y) on an environment related topic.
A copy of the final research paper must be submitted to the School of the Environment prior to convocation.

Master of Engineering in Cities Engineering and Management (M.Eng.CEM) Requirements Non-Thesis Option:

Master's students who wish to qualify for notation of Environmental Studies Collaborative Specialization completion are required to complete the following requirements:

- All master's degree requirements as determined by M. Eng. degree program in the home unit;
- ENV 1001H mandatory core course, plus one half-credit (0.5 FCE) course elective from the School of the Environment list of approved courses;
- Take a *Cities Engineering and Management Practicum (CEM 1000Y)* in the home unit, which will also count towards the School of the Environment Internship (ENV 4444Y) requirement, provided it contains an environment related component. A copy of the formal proposal for the practicum/internship must be submitted to the School of the Environment prior to the beginning of practicum/internship;
Write a brief research paper (ENV 5555Y) on an environment related topic.
A copy of the final research paper must be submitted to the School of the Environment prior to convocation.

Master of Applied Science (M.A.Sc.) Requirements Thesis Option:

Master's students who wish to qualify for notation of Environmental Studies Collaborative Specialization completion are required to complete the following requirements:

- All master's degree requirements as determined by M.A.Sc. degree program in the home unit;
- ENV 1001H mandatory core course, plus one half-credit (0.5 FCE) course elective from the School of the Environment list of approved courses;
- Write a thesis in the home degree program that should be on an environment related topic or include an environment related component.

A copy of the final thesis must be submitted to the School of the Environment prior to convocation.

NOTE: The Collaborative Specialization coursework requirements may be counted as electives towards the M.Eng., M.Eng.CEM, and M.A.Sc. degree programs requirements in Civil and Mineral Engineering.

• Doctoral degree (Ph.D.) in Civil Engineering

Ph.D. degree Requirements :

Doctoral students who wish to qualify for notation of Environmental Studies Collaborative Specialization completion are required to complete the following requirements:

- All doctoral degree requirements as determined by Ph.D. degree program in the home unit;
- ENV 1001H mandatory core course, unless already taken at the master's level, plus one half-credit (0.5 FCE) course elective from the School of the Environment list of courses;
- Plus present a seminar in either of the two Seminar Series run by the School of the Environment (the Environment Series or the Environment and Health Series), or deliver a brief talk at the School's Research Day;
- Write a thesis in the home department on an environment related topic, or include an environment related component in it.

A copy of the final thesis must be submitted to the School of the Environment prior to convocation.

NOTE: The Collaborative Specialization requirements may be counted as electives towards doctoral degree program requirements in Civil Engineering.