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.