

**Chemical Engineering and Applied Chemistry
MAsc, MEng, PhD****School of the Environment: Collaborative Specialization in Environment & Health (CSEH)**

Below you will find the requirements for students in the Chemical Engineering and Applied Chemistry department who are completing a collaborative specialization in Environment & Health. Although this document can provide you with guidance for completing the specialization, note that the [School of Graduate Studies Calendar](#) is the authoritative source for degree requirements.

Master of Applied Science (MAsc)

MAsc students complete a minimum of 1.5 FCEs. Those enrolled in the Collaborative Specialization in Environment & Health complete the following requirements:

- ENV4001H: Graduate Seminars in Environment and Health (0.5 FCE)
- One elective (0.5 FCE) from the [CSEH course list](#).

In addition to the coursework, the MAsc thesis should be written on an environment and health topic or include an environment and health component. A digital copy of the [thesis paper](#) must be submitted to the School of the Environment prior to convocation.

It is recommended that each thesis committee will require a supervisor from the student's home department and at least one other member from another graduate unit, both of whom are also members of graduate faculty in the School of the Environment.

Master of Engineering (MEng)

MEng students either complete a total of 5.0 FCEs or 3.5 FCE plus a 1.5 FCE supervised research project. Students enrolled in the Collaborative Specialization in Environment & Health must have 30% of their coursework (1.5 FCEs) count towards the CSEH and would complete the following requirements:

- ENV4001H: Graduate Seminars in Environment and Health (0.5 FCE)
- 0.5 FCE elective from the list of [CSEH approved courses](#)
- Additional 0.5 FCE elective which can include a combination of a second [CSEH approved course](#), ENV3000H/Y: Individual Reading & Research Course, or [ENV5555Y: Research Paper](#). The MEng supervised research project may also count towards the CSEH requirements, provided there is an environment & health focus or component.

Doctor of Philosophy (PhD)

PhD students complete a total of 2.0 FCEs. Those enrolled in the Collaborative Specialization in Environment & Health complete the following requirements:

- ENV 4001H: Graduate Seminars in Environment and Health (0.5 FCE)
- One elective (0.5 FCE) from the [approved CSEH course list](#)

In addition, students complete a thesis on a theme in environment and health. It is recommended that the thesis committee membership will include a supervisor (from the student's home department who is a member of the CSEH core faculty) and at least one other member from a collaborating department. A digital copy of the [final thesis](#) must be submitted to the School of the Environment prior to convocation.

All PhD students are required to give an oral presentation of their doctoral research as part of the School's Environment and Health Seminar Series or Research Day, which is held once per year. For the latter, the oral presentation may or may not be done in conjunction with a summary poster, depending on the decided format of the School's Research Day in any given year.