



Environmental Chemistry & Technology Program Ph.D. Course Requirements



Student Name:
E-mail:

ID Number:

Instructions

This form should be completed in consultation with the primary faculty advisor(s) and be approved by the Academic Planning Committee (APC) prior to the start of the second semester on campus. Final approval of the form will be made by the EC&T Program Chair.

Core Dissertation Committee

This three-person committee consists of the faculty advisor and two other EC&T faculty members. Ph.D. students should meet with this committee annually beginning in Year 2 to provide an update on research progress. The meetings should be scheduled near the student's required seminar in the EC&T seminar series.

Faculty Advisor:

Core Dissertation Committee Member:

Core Dissertation Committee Member:

Preliminary and Final Defense Committees

The EC&T Program Chair approves all graduate committees prior to warrant request.

Coursework

All incoming EC&T students should have basic preparation in the fundamental areas of general, organic, physical and analytical chemistry. Students should also have previous coursework in the natural sciences, which can include botany, bacteriology, zoology, earth science, material science, biochemistry or engineering. Note that CEE 500 (Water Chemistry) or equivalent material is a pre-requisite for many of the core EC&T courses. If these requirements have not been met prior to entering the program, this should be considered when planning the coursework.

Previous Institutions Attended			
Institution Name	Degree Type (e.g., B.S., M.S.)	Major	Year Conferred

Core Courses Requirements	Course Planned	Semester Planned/Taken
<i>Env. Inorganic Chemistry</i> <u>CEE 703</u> (Env. Geochemistry) or <u>GEO SCI 875</u> (Geochem. Modeling)		
<i>Env. Organic Chemistry</i> <u>CEE 502</u> (Env. Organic Chemistry) or <u>CEE 704</u> (Env. Chemical Kinetics)		

Air Chemistry CEE 701 (Chemistry of Air Pollution)		
Core Courses Requirements Continued		
<i>Students must enroll in CEE 909 (Environmental Chemistry & Technology Seminar) each semester. Ph.D. students should present a seminar once per academic year, either Fall or Spring semester.</i>		

Graduate-level Chemistry Requirement (Two 500-level or above chemistry courses)	Course Planned	Semester Planned/Taken
Course 1		
Course 2		

Optional Courses (not including Minor courses)	Semester Planned/Taken

Research Credits

Students must complete a minimum of 4 research credits with their faculty advisor. If supported with a graduate assistantship (TA, RA, PA), students should enroll in the appropriate number of research credits each semester to achieve full-time status as required by credit-load rules.

Ph.D. Minor.

All Ph.D. students must complete a minor course of study. Two options are available.

- **Option A: External Minor.** Minor in a single department or program (e.g., Geology, Chemistry, Air Resource Management). Students must obtain specific requirements and approval from the chosen department or program. *Please complete attached form.*
- **Option B: Distributed Minor.** A minimum of 9 credits in one or more departments. The distributed minor should have a coherent theme or topic (e.g., environmental biology, environmental policy-making, hydrogeology). *Please complete attached form.*

Minor courses	Semester Planned/Taken	Credits

Notes:

Form Approval

APC Member 1: _____

Signature: _____ Date: _____

APC Member 2: _____

Signature: _____ Date: _____

APC Member 3: _____

Signature: _____ Date: _____

Program Chair: _____

Signature: _____ Date: _____