Environmental Chemistry & Technology Program
MS Course Requirements

Student Name: _____ 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.

Thesis Committee

This three-person committee consists of the faculty advisor, one other EC&T faculty member, and one other tenure or tenure track faculty member at UW-Madison. MS students should meet with this committee at least once before the end of their second semester to provide advice on coursework and thesis plans.

Faculty Advisor _____

EC&T Faculty Thesis Committee Member: _____

UW-Madison Thesis Committee Member: _____

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

Students must take three courses from at least two of the following Categories.		
Core Courses Requirements	**Course Planned**	**Semester Planned/Taken**
Env. Inorganic Chemistry CEE 703 (Env. Geochem.) or GEO SCI 875 (Geochem. Modeling)		
Env. Organic Chemistry CEE/SOILS 631 (Toxicants in the Environment) or CEE 704 (Env. Chemical Kinetics)		
Air Chemistry CEE 701 (Chemistry of Air Pollution)		

CHEM 629 (Atmospheric Chemical Mechanisms.		
Environmental Technology CEE 609* Advanced Water Analysis CEE 629* Membrane Science and Technology		
Students must enroll in CEE 909 (Environmental Chemistry & Technology Seminar) every semester and present a research seminar at least once during the master's program. *CEE 609 and 629 are "Special Topics" course numbers and will change once they are assigned a permanent course number.		

Total Credits and Research Credits

Students must complete a minimum of 30 total credits for their MS degree including 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.

APC Member 1: _____

Signature: _____ Date: _____

APC Member 2: _____

Signature: _____ Date: _____

APC Member 3: _____

Signature: _____ Date: _____

EC&T Program Chair: _____

Signature: _____ Date: _____